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Columbia College

ONE HUNDRED AND THIRTY-SIXTH

ANNUAL COMMENCEMENT

OF

COLUMBIA COLLEGE

IN THE CITY OF NEW YORK

JUNE 11, 1890

LJ
1261

THE UNIVERSITY OF CHICAGO
IN CHICAGO, ILL.

1911

Order of Exercises

Overture

Rosamunde (Schubert)

ORCHESTRA

Selections

Gondoliers (Sullivan)

ORCHESTRA

March

La Reine de Saba (Gounod)

ORCHESTRA

I. Prayer

By the Chaplain of the College

Intermezzo

Naila (Delibes)

ORCHESTRA

II. Conferring of Degrees on the Graduating Class of the School of Arts

DEGREE OF BACHELOR OF ARTS

- | | |
|----------------------------------|----------------------------------|
| 1. Charles Moore Bleeker | 9. Frank Pierrepont Graves |
| 2. Marston Taylor Bogert | 10. Harold Griffing |
| 3. William Bondy | 11. Frederic Everest Gunnison |
| 4. Frederic René Coudert, Jr. | 12. Charles Harris Hayes |
| 5. Frank Warren Crane | 13. James Edward Hulshizer, Jr. |
| 6. John Sage Fiske | 14. Oswald Nathaniel Jacoby |
| 7. James Watson Gerard, Jr. | 15. Charles Lauriston Livingston |
| 8. Henry Alger Gildersleeve, Jr. | 16. Charles Riborg Mann |

- | | |
|--------------------------------|---------------------------------|
| 17. Charles Myer Myers | 28. Churchill Satterlee |
| 18. John Holcombe Nelden | 29. Charles Alexander Schluer |
| 19. Eugene Joseph O'Sullivan | 30. John Perry Seward |
| 20. Albert Brace Pattou | 31. Herbert Shipman |
| 21. Thornton Bancroft Penfield | 32. Richard Stevens |
| 22. Smith Dewey Pierce | 33. Arthur Irving Taylor |
| 23. Allison Wright Post | 34. Dudley Hoyt Tenney |
| 24. Henry Montefiore Powell | 35. Theodore Langdon Van Norden |
| 25. Joseph Manuel Rector | 36. Arthur Seymour Vosburgh |
| 26. William Willis Reese | 37. William John Warburton |
| 27. Charles Thornton Bate Rowe | 38. Judah Lewis Weinberg |
| | 39. George Whitfield Whittemore |

III. Conferring of Degrees on the Graduating Class of the College of Physicians and Surgeons in the City of New York

MEDICAL DEPARTMENT OF COLUMBIA COLLEGE

The Hippocratic Oath will be administered by JAMES W. MCLANE, M.D., the
President of the College of Physicians and Surgeons

DEGREE OF DOCTOR OF MEDICINE

- | | |
|-----------------------------------|--|
| 1. Charles Francis Adams, A.B. | 11. Clayton Powers Bennett |
| 2. Henry Frederick Adams | 12. Walter Bensel |
| 3. Louis Akin | 13. Elmer Fox Berkele, A.B. |
| 4. Andrew John Andersen | 14. Constantine Bjerring |
| 5. Milton Ellsworth Artman | 15. Percival Ranney Bolton, Ph.B.,
M.D. |
| 6. Adolph Baron, A.B. | 16. Allan Blair Bonar, A.B. |
| 7. John Henry Richard Barry, B.S. | 17. Nelson Borst |
| 8. Robert Joseph Barry | 18. Geo. Bradley Bradley |
| 9. John Bates | 19. William Coughlin Braislin |
| 10. Willard Doolittle Becker, Jr. | |

20. Frederick Gretton Brathwaite
21. William Robert Broughton, A.B.
22. Samuel Brothers, Ph.G.
23. Hezekiah Beattie Brown
24. Henry Babcock Carpenter, A.B.
25. Robert Leslie Carson, A.B.
26. Theophilus Ransom Carter, A.B.
27. Jacob Henry Carver
28. Charles Francis Chapman
29. Edmund Denison Chesebro, A.B.
30. Frederic Stephens Cole
31. Arthur Burr Coleburn, Ph.G.
32. Charles Colhoun
33. Arthur Patrick Coll
34. James Joseph Concanon
35. Lewis Atterbury Conner, Ph.B.
36. Salvator S. Córdova
37. James Lefferts Cornell
38. Edward Everett Cornwall, Ph.B.
39. George Wyckoff Cummins,
Ph.D.
40. Frank Caryl Dakin
41. Jared Waldo Daniels, M.D.
42. Morris Jay Davies
43. Harry Pelouze de Forest, Ph.B.,
M.S.
44. Samuel Derickson, Jr., A.B.
45. Francis Louis de Villa
46. George Jacob Dirkes
47. William Francis Donovan, A.B.
48. John Joseph Dooley
49. Walter Adams Dunckel
50. Samuel Robert Dunlop, B.S.
51. Frank Gaylord Eastman
52. Martin John Echeverria
53. Henry Frederick Eichacker,
Ph.G.
54. James Robinson English, Jr.
55. James Seferen Ennis
56. William Evans
57. William Dominic Finn
58. Charles Borromeo Fitzpatrick,
Jr., A.B.
59. William Flitcroft
60. Henry Hall Forbes
61. Marcus Fried
62. Albert Ernest Gallant
63. Alfred Wild Gardner
64. John Thomas Gibbons,
A.B., Ph.G.
65. Bartlett Gilbert, Jr.
66. William Whitehead Gilfillan
67. Larkin White Glazebrook
68. Dagobert Gumpert
69. Clarence Glisan, A.B.
70. Luther Bell Grandy, Ph.B.
71. Frederic Henry Grant
72. William Charles Guth, A.B.
73. Lomax Gwathmey, M.D.
74. Charles Freeman Halsted
75. Henry Skinner Hathaway,
Ph.B., A.B.
76. Edward Mathias Hawkes, A.B.
77. John Marshall Hawkes
78. Ernest Linwood Hayford
79. Joseph Stephen Healy
80. Thomas Bakewell Hegeman
81. Henry Heiman, M.D.
82. John Torbit Henry, A.B.
83. Christopher Joseph Hillis
84. Austin Wilkinson Hollis
85. Woolsey Hopkins
86. Alston Davis Horah, M.D.
87. John Bessner Huber, A.B., M.D.
88. William West Hunt
89. George Pierson Jessup, B.S.
90. Charles Sherman Jewett, Ph.B.
91. Henry Cortlandt Johnston
92. Horace Virchow Jonah
93. Thomas Warburton Jones
94. Carl Ferdinand Klaus
95. Charles Frederick Kraemer
96. Henry Augustus Kurth, A.B.
97. Hugo Lange
98. Frank Henry Lammers, A.B.
99. Franklin Dana Lawson
100. Dudley Leavitt
101. Alexander Shirley Leverty

102. David Clarence Lewinthal
103. John Clarence Lindsay, A.B.
104. Bertram Leslie Longenecker
105. Joseph Wooding Love
106. Hartwell Nelles Lyon
107. John Mahon Macdonald
108. Joseph Stevenson James Man-
ning
109. William Margulies
110. Harry Dreer McCormick
111. Charles McGregor, M.D.
112. William Henry McIntyre
113. James Francis McKernon
114. Philip Meierowitz, B.S.
115. William Menzies, 3d
116. Francis Daniel Merchant
117. Patrick Francis Moylan
118. Alan Butler Murray, A.B.
119. Charles Dwight Napier, A.B.
120. Jay Odell Nelson
121. Marcus Arthur Newell
122. Joseph Patrick O'Dwyer
123. Charles Ithamar Page, Jr.
124. Harry Lucian Palmer
125. Edward Arthur Parker
126. Charles Toomer Parrish
127. Ralph Wait Parsons
128. Charles Fenner Peckham
129. James Pedersen, B.S.
130. Charles Sample Peeke
131. Edward Wright Peet, A.B.
132. Bolling Anthony Pope, Jr., B.S.
133. Charles Ignatius Proben, Ph.G.
134. Harry Lavinton Purdy
135. Thomas Henry Rafferty, A.B.
136. Feodor von Raitz
137. John Remer, A.M.
138. Herman Clarence Riggs
139. John William Rockafeller
140. Thomas Weaver Rogers
141. Julius Rosenberg
142. Abraham Rosenthal, A.B.
143. James Henry Sanderson
144. Robert Schlesiger, Ph.G.
145. Herman August Louis Schneider
146. Ernest Charles Schultze
147. Alwin Hugo Schwab, Ph.G.
148. Charles Hosmer Scribner, B.S.
149. George Henry Sexsmith
150. James Priestley Shaw, A.M.
151. Elton John Sherow
152. Charles David Shirmer
153. Matthew Joseph Smith, A.B.
154. Samuel Kempton Smith, A.B.
155. Naman Henry Soble
156. Edward Staehlin, A.B.
157. Whitmore Steele
158. Edwin Sternberger, B.L.
159. Benjamin Wolf Stiefel
160. William Edward Swan
161. Albert Frederick Taylor
162. George Byron Teames, B.S.
163. Anders Gustaf Thorén
164. Henry Herbert Thorp
165. William Hanford Todd
166. Charles Wilmot Townsend
167. Willis Adams Turnbull
168. Benjamin Franklin Turner
169. Sidney Arthur Twinch
170. Charles Arthur Van Derveer
171. Fernando Ruperto Vasquez
172. John Walters
173. Otto Albert Weigand
174. William Henry West
175. John Franklin Whitmyer
176. Joseph White Williams, A.B.
177. Sidney Schanck Willis
178. Harry Percival Woley, A.B.
179. James Wood, Jr.
180. Dell Elmyrt Yarnell

IV. Conferring of Degrees on the Graduating Class of the School of Mines

DEGREE OF ENGINEER OF MINES

- | | |
|---------------------------|-----------------------------|
| 1. Alexander Leslie Black | 4. Albert Lincoln Levy |
| 2. Edwin Mortimer Blake | 5. Manuel Rafael Montenegro |
| 3. William Monroe Davis | 6. Howard Farrington Welsh |

DEGREE OF CIVIL ENGINEER

- | | |
|----------------------------------|---------------------------------------|
| 7. George Alexander Beckwith | 16. Charles Edward Gudewill |
| 8. Romeo Thompson Betts | 17. Charles Henry Hart |
| 9. Dwight Dana Book | 18. John Sherman Hoyt |
| 10. Joseph Carson | 19. Elisha Denison Hurlbut, Jr. |
| 11. Diego Lombillo Clark, A.B. | 20. Louis Ferdinand Massa |
| 12. Hewlett Ralston Connell | 21. Thomas Mann Randolph
Meikleham |
| 13. Thomas Cornell Coykendall | 22. José Portuondo |
| 14. Andrew Ernest Foyé | 23. Albert Cassimir Fowler |
| 15. Alger Crocheron Gildersleeve | |

DEGREE OF METALLURGICAL ENGINEER

- | | |
|------------------------------|-----------------------------|
| 24. Fred. Irvan Cairns, A.B. | 27. Thomas John Jones |
| 25. George Jewett Hicks | 28. William Henry McKleroy |
| 26. Frank Cyrus Hooper | 29. Thomas Matthew St. John |

DEGREE OF BACHELOR OF PHILOSOPHY

(COURSE OF ANALYTICAL AND APPLIED CHEMISTRY)

- | | |
|----------------------------|------------------------------|
| 30. Joseph Albert Deghuée | 32. Bertrand Chase Hinman |
| 31. George Albert Ferguson | 33. Herschel Clifford Parker |
| 34. James Rich Steers | |

DEGREE OF BACHELOR OF PHILOSOPHY

(COURSE OF ARCHITECTURE)

- | | |
|----------------------------------|----------------------------------|
| 35. Samuel Wakeman Andrews, Jr. | 43. Robert David Kohn |
| 36. Hermann Behlen | 44. Edward Gervaise Lichtenstein |
| 37. Will A. Buckland | 45. William Shepherd Lowndes |
| 38. William Robert Clayton, B.S. | 46. Horace Borchsenius Mann |
| 39. Frederick Gray Colton | 47. William Stone Post |
| 40. Lloyd Wiegand Fisher | 48. William Lincoln Thorne |
| 41. James Monroe Hewlett | 49. Charles Peck Warren |
| 42. Meyer Jarmulowsky | 50. Alexander McMillan Welch |

V. Conferring of Baccalaureate Degrees in the School of Political Science

DEGREE OF BACHELOR OF ARTS

(With the concurrence of the Faculty of Arts)

- | | |
|---------------------------|-------------------------|
| 1. Tompkins McIlvaine | 3. Arthur William Stone |
| 2. William C. Masker, Jr. | 4. Adam Wiener |

DEGREE OF BACHELOR OF PHILOSOPHY

- | | |
|--------------------------------|---------------------------|
| 5. John Storm Appleby | 7. Louis Noyes Palmer |
| 6. Theodore Washington Dreyfus | 8. Louis Frank Rothschild |

VI. Conferring of Degrees of Master of Arts and Doctor of Philosophy

DEGREE OF MASTER OF ARTS

- | | |
|----------------------------------|---|
| 1. John Campbell, A.B. | 13. Percival S. Menken, A.B. |
| 2. Benjamin Nathan Cardozo, A.B. | 14. John Henry McMahon |
| 3. James Harrison Cravens, A.B. | 15. Max Leopold Margolis (Leibnitz
Gym., Berlin) |
| 4. Frank Grant Crowell, A.B. | 16. George Clinton Densmore Odell,
A.B. |
| 5. Gustavus Trask Donnell, A.B. | 17. Hammond Odell, A.B. |
| 6. Frank Loomis Eckerson, A.B. | 18. Joseph Clement Pfister, A.B. |
| 7. John Fieldhouse Fenton, A.B. | 19. Lydia Potter |
| 8. Charles William Ivie, A.B. | 20. Lawrence F. Reamer, A.B. |
| 9. Elbert Floyd-Jones, Jr., A.B. | 21. Kate Bird Runkle |
| 10. John Dean Goss, A.B. | 22. William Shillaber, Jr., A.B. |
| 11. Remsen Johnson, A.B. | 23. Norman Wilde, A.B. |
| 12. Richard Paul Lydon, A.B. | |

DEGREE OF DOCTOR OF PHILOSOPHY

- | | |
|---|--|
| 24. William Benford Aitken, A.M. | 31. Charles Knapp, A.M. |
| 25. Bashford Dean, A.M. | 32. Frederick James Hamilton Mer-
rill, Ph.B. |
| 26. Frank Despard Dodge, Ph.B. | 33. Alfred Joseph Moses, E.M. |
| 27. Frederick Morris Herrick, A.M. | 34. Thomas McClure Peters, A.M. |
| 28. Herman Hollerith, E.M. | 35. Charles Henry Smyth, Jr., Ph.B. |
| 29. Willard Cunningham Humphreys,
A.M. | 36. Stephen Berrien Stanton, A.M. |
| 30. Lindley Miller Keasbey, A.M. | 37. Gerald Montgomery West, A.M. |

VII. Conferring of Honorary Degrees

DEGREE OF DOCTOR OF DIVINITY

SAMUEL BOWDEN,
Class of 1840, Columbia College.

DEGREE OF DOCTOR OF LAWS

WILLIAM H. C. BARTLETT,
Class of 1826, U. S. Military Academy.

JAMES WATSON GERARD,
Class of 1843, Columbia College.

DEGREE OF DOCTOR OF LETTERS

JOHN HOWARD VAN AMRINGE,
Class of 1860, Columbia College.

Selections

Tannhauser (Wagner)

ORCHESTRA

VIII. Award of Prize Scholarships, Prizes, and Prize Fellowships, in the School of Arts

PRIZE SCHOLARSHIPS

Established by the Trustees: annual value, \$100 each: the examinations for these scholarships are upon subjects announced early in the academic year, and are open to all members of the several classes who are in good and regular standing. Successful competitors must receive, in such examination, a mark exceeding ninety per cent., and those entitled to honorable mention must receive at least ninety per cent. of a possible maximum.

HONOR MEN OF THE SENIOR YEAR, CLASS OF 1890

At the close of the final examination of the year, the head of each department reports to the President the names of those students (not exceeding three in number) who shall have displayed the greatest excellence in his branch of study during the year, and the students thus reported (if proficient in all other branches to which their attendance is due) are deemed *honor men* in that branch.

CLASSICAL GREEK.

Harold Griffing.

NEW TESTAMENT GREEK.

Charles Harris Hayes.

LATIN.

Harold Griffing,
Frank Pierrepont Graves.

ENGLISH (Historical Section).

Harold Griffing.

ENGLISH (Literary Section).

Oswald Nathaniel Jacoby.

ANGLO-SAXON.

Joseph Manuel Rector.

GERMAN.

Marston Taylor Bogert.

GERMAN LITERATURE.

Richard Stevens.

ETHICS.

John Sage Fiske.

PSYCHOLOGY.

Harold Griffing,
Charles Harris Hayes.

HISTORY OF PHILOSOPHY.

Oswald Nathaniel Jacoby,
Harold Griffing.

DIFFERENTIAL AND INTEGRAL
CALCULUS.

Charles Riborg Mann.

ASTRONOMY.

Charles Alexander Schluer,
John Perry Seward.

GEOLOGY.

Marston Taylor Bogert.

CHEMISTRY.

John Perry Seward,
George Whitfield Whittemore.

BOTANY.

John Perry Seward.

FRENCH.

Charles Lauriston Livingston.

ITALIAN.

Marston Taylor Bogert.

SPANISH.

Marston Taylor Bogert.

PRACTICAL ASTRONOMY.

Charles Riborg Mann.

PHYSICS.

John Perry Seward.

HIGHER PHYSICS.

John Perry Seward.

POLITICAL ECONOMY.

Oswald Nathaniel Jacoby,
Charles Harris Hayes.

CONSTITUTIONAL HISTORY OF
EUROPE AND THE UNITED STATES.

Frederic René Coudert, Jr.,
Oswald Nathaniel Jacoby.

CONSTITUTIONAL HISTORY OF
ENGLAND.

Frederic René Coudert, Jr.

PRIZES

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class.
Given by the Alumni Association of the College: annual value, \$50.
Three candidates selected by the faculty and submitted to the class, who
choose one of the three to receive the prize.

JOHN PERRY SEWARD.

CHANLER HISTORICAL PRIZE

Income of a fund of \$1,000, bequeathed by J. Winthrop Chanler, of the class of 1847: given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government of America, or some other historical subject assigned by the faculty.

PRIZE FELLOWSHIPS

Annual value, \$500: founded by the Trustees: tenable for three years. Conferred upon such members of the graduating class as propose to enter upon advanced courses in letters or science, and who are thought to be capable of attaining and likely to attain distinction in such courses.

FELLOWSHIP IN LETTERS.—HAROLD GRIFFING.

FELLOWSHIP IN SCIENCE.—CHARLES RIBORG MANN.

IX. Award of Prizes in the College of Physicians and Surgeons (Medical Department of Columbia College)

HARSEN PRIZES FOR CLINICAL REPORTS

Founded by the late Jacob Harsen, M.D. Three annual prizes, valued respectively at \$150, \$75, and \$25; given, with a bronze medal to each prize winner, for the best reports in writing by students of the College of Physicians and Surgeons, of the clinical instruction given at the New York Hospital during any four consecutive months of the academic year.

HARSEN PRIZES FOR PROFICIENCY AT EXAMINATION

Three prizes, valued respectively at \$500, \$300, and \$200. Awarded to the most meritorious competitors at examinations consisting of:

1. Examination in writing covering all the seven branches of medical teaching.
2. Examination upon the cadaver in practical anatomy.
3. Practical examinations in clinical medicine and clinical surgery conducted at the hospitals.

The competitors are the most proficient ten candidates for the degree of Doctor of Medicine, all of whom receive

EXAMINATION HONORS

Each of the ten Honor Men, who does not obtain a higher prize, receives a Harsen Prize of \$25.

ALUMNI ASSOCIATION PRIZE

A biennial prize of \$500, open for competition to the Alumni of the College of Physicians and Surgeons, and awarded to the best medical essay submitted upon any subject that the writer may select.

JOSEPH MATHER SMITH PRIZE

Founded as a memorial to the late Professor Smith. Annual prize of \$100 for the best essay on the subject of the year (this year on any subject relating to hygiene, pathology, or practice of medicine) presented by an alumnus of the College of Physicians and Surgeons.

X. Award of Fellowships in the School of Mines

JOHN TYNDALL FELLOWSHIP

For the encouragement of research in physics.

Income of a fund of \$10,800, given by Professor John Tyndall, of London, for the encouragement of scientific research. Awarded annually to a graduate of, or a student in, some department of Columbia College, who shall devote himself faithfully to the investigation of some subject in physical science.

THOMAS CORNELL COYKENDALL

COLUMBIA FELLOWSHIP IN ARCHITECTURE

Founded by the Trustees: value, \$1,300; to be devoted to foreign study and travel by the successful candidate. Open for competition every two years to all graduates in architecture of the School of Mines, less than thirty years of age.

ARTHUR ALEXANDER STOUGHTON, Ph.B.

Class of 1888.

XI. Award of Prize Fellowships and Prize Lectureship in the School of Political Science

PRIZE FELLOWSHIPS

Four in number, of the annual value of \$250 each. Founded by Jesse Seligman, Esq., and awarded by the faculty to the students of the third year who are candidates for the degree of Doctor of Philosophy.

FRANK EWART CROWELL, A.B.
CHARLES H. J. DOUGLAS, A.B.
JOHN FIELDHOUSE FENTON, A.B.
LOUIS KATZENSTEIN.

PRIZE IN POLITICAL ECONOMY

Annual prize of \$150 for the best essay on some subject in political economy. Founded by Professor Edwin R. A. Seligman, and open to all members of the School of Political Science.

NOT AWARDED.

PRIZE LECTURESHIPS

Founded by the Trustees: three in number, of the annual value of \$500 each: tenable for three years: one awarded each year. Open for competition, under certain conditions, to graduates of the School of Political Science and of the School of Law. Holders must deliver annually in the School of Political Science at least twenty lectures, the result of original investigation.

CHARLES B. SPAHR, Ph.D.

Waltz

Kaiser (Strauss)

ORCHESTRA

XII. Address by President Low

XIII. Benediction By the Chaplain of the College

Selection

Aïda (Verdi)

ORCHESTRA

COMMITTEE OF ARRANGEMENTS AND MARSHALS

COMMITTEE

FRANK P. GRAVES, Chairman

SCHOOL OF ARTS

W. IRVING A. BRAUNS,
OSWALD N. JACOBY,
J. HOLCOMBE NELDEN,
J. PERRY SEWARD,

SCHOOL OF MINES

SAMUEL W. ANDREWS, Jr.
ALEXANDER L. BLACK,
GEORGE J. HICKS,
JOHN S. HOYT,

T. M. RANDOLPH MEIKLEHAM, Grand Marshal.

COLLEGE OF PHYSICIANS AND SURGEONS

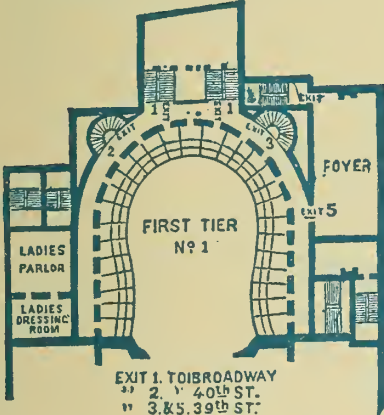
MEDICAL DEPARTMENT OF COLUMBIA COLLEGE

HEZEKIAH BEATTIE BROWN, Marshal,
GEORGE HENRY SEXSMITH,
CHARLES FRANCIS ADAMS,
HENRY HALL FORBES.

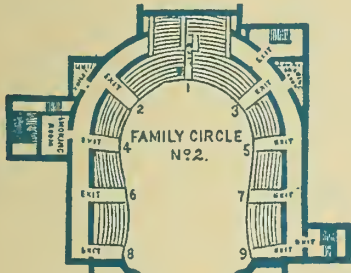
MUSICAL DIRECTOR

J. M. LANDER

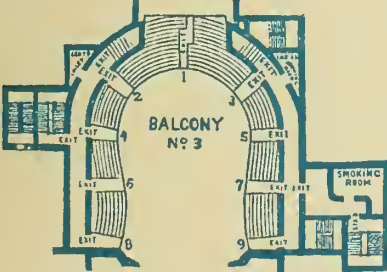
PLAN OF EXITS.



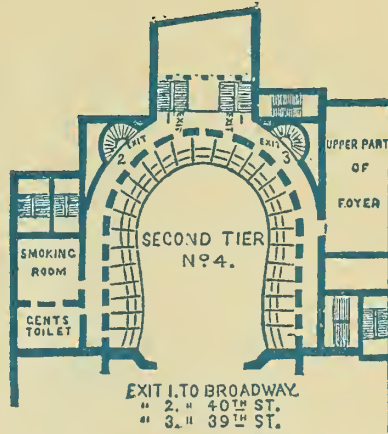
EXIT 1. TO BROADWAY
 " 2. " 40th ST.
 " 3. & 5. 39th ST.



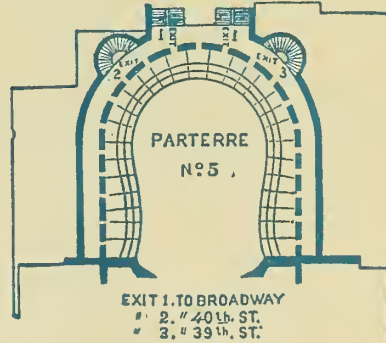
EXIT 1. TO BROADWAY.
 " 2, 4, 6, 8, 40th ST.
 " 3, 5, 7, 9, 39th ST.



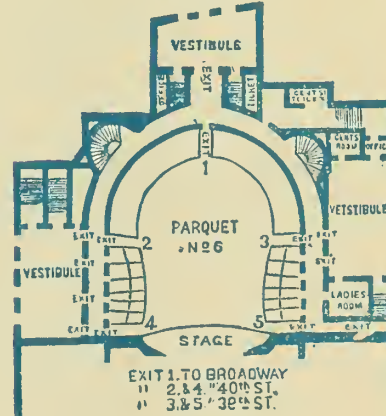
EXIT 1. TO BROADWAY
 " 2, 4, 6, 8, 40th ST.
 " 3, 5, 7, 9, 39th ST.



EXIT 1. TO BROADWAY
 " 2. " 40th ST.
 " 3. " 39th ST.



EXIT 1. TO BROADWAY
 " 2. " 40th ST.
 " 3. " 39th ST.



EXIT 1. TO BROADWAY
 " 2, & 4. " 40th ST.
 " 3. & 5. " 39th ST.





Columbia College
in the City of New York

ONE HUNDRED AND THIRTY-SEVENTH

ANNUAL COMMENCEMENT

OF

COLUMBIA COLLEGE

IN THE CITY OF NEW YORK

JUNE 10, 1891

The University
of Toronto

Order of Exercises

Overture

Rienzi (Wagner)

ORCHESTRA

Selection

Aïda (Verdi)

ORCHESTRA

March

La Reine de Saba (Gounod)

ORCHESTRA

I. Prayer

By the Chaplain of the College

Paraphrase

Melodie in F (Rubinstein)

ORCHESTRA

II. Conferring of the Degree of Bachelor of Arts and the non-technical Degree of Bachelor of Philosophy

DEGREE OF BACHELOR OF ARTS

- | | |
|------------------------------------|--------------------------------|
| 1. Cornelius Stevenson Abbott, Jr. | 6. George James Bayles |
| 2. Robert Franklin Adams | 7. Courtlandt Field Bishop |
| 3. James Loring Arnold | 8. Charles Butler, 2d |
| 4. Elizabeth Cynthia Barney | 9. William Chesebrough Cammann |
| 5. Charles Bartow | 10. Oliver Samuel Campbell |

- | | |
|------------------------------------|--------------------------------|
| 11. Frederick Woodhull Chesebrough | 31. William George McKechnie |
| 12. Richard Collins | 32. Victor Mapes |
| 13. Julien Townsend Davies | 33. Alfred Bernard Moldenke |
| 14. Read Gordon Dilworth | 34. John Gaspard Neeser, Jr. |
| 15. Frank Nelaton Dodd | 35. Adam Gordon Norrie |
| 16. Victor Moreau Elting | 36. Richard Suydam Palmer |
| 17. Albert Rolaz Gallatin | 37. Frederick Holden Patterson |
| 18. Francis Dawson Gallatin | 38. Charles Benton Power |
| 19. William Kimball Greene | 39. John Farr Putnam |
| 20. Arthur Cragin Gwynne | 40. Jacob Herbert Shaffer |
| 21. William Harison | 41. Marcus Simpson |
| 22. Montague Howard | 42. Edward Allan Sisson |
| 23. Edward Hymes | 43. Alexis William Stein |
| 24. Asa Stewart Iglehart | 44. Franklin Nelson Strader |
| 25. Philip Edward Johnson | 45. Dwight Wilcox Taylor |
| 26. Joseph Chaim Josephson | 46. Henry Richmond Taylor |
| 27. Charles Conover Kalbfleisch | 47. Herbert Edward Tuttle |
| 28. Robert Bootman Kimber | 48. Oswald Werner Uhl |
| 29. George Gillis Leonard | 49. Henry Wolcott Warner |
| 30. Alexander Sutherland McLeod | 50. John Barré Zabriskie |

DEGREE OF BACHELOR OF PHILOSOPHY

Victor Salomon Rosewater

III. Conferring of the Degree of Bachelor of Laws

- | | |
|---------------------------------|----------------------------------|
| 1. Alfred Vincent Amy, A.B. | 12. Frank Grant Crowell, A.M. |
| 2. Ripley H. Arnold | 13. Ferdinand Eidman, Jr. |
| 3. Horace Barnard, Jr. | 14. Albert Erdman, B.S. |
| 4. Harry Prescott Beach | 15. James Francis Fogerty |
| 5. William Robert Bell | 16. Walter Fox |
| 6. John Edward Boyer, A.B. | 17. William Gaston, A.B. |
| 7. Charles Brandt, Jr. | 18. Thomas F. Gilroy, Jr. |
| 8. William Lewis Brewster, A.B. | 19. Forbes Joseph Hennessy, A.M. |
| 9. Irving Edward Bush | 20. Edward Wilcox Hinton, L.B. |
| 10. Santiago Philip Cahill | 21. Henry Hoelljes |
| 11. Cornelius Francis Collins | 22. Bernard John Isecke |

- | | |
|------------------------------------|-------------------------------------|
| 23. Lucius Ethan Judson, Jr., A.B. | 43. Joseph Charles Rowan |
| 24. Leon Kronfeld | 44. Eli Seymour Schreier, B.S. |
| 25. George Landon | 45. Harrison Timothy C. Smith |
| 26. Wolcott Griswold Lane, A.B. | 46. Rawson Lockwood Smith |
| 27. Edgar Jacob Lauer | 47. Willard Payson Smith, A.B. |
| 28. George Washington Litterst | 48. John William Snell, Jr. |
| 29. Emanuel Lowenstein | 49. William Baldwin Southard |
| 30. John Henry McCrahan | 50. Mortimer Stiefel |
| 31. John Augustine Marrett | 51. Houghton Doane Stubbs |
| 32. Randolph Brant Martine, Jr. | 52. Harold Swain, A.B. |
| 33. Claude Banks Mayham | 53. George Grant Tennant |
| 34. Walter William Menzel | 54. Robert Thorne, A.M. |
| 35. Cyrus Chace Miller, A.B. | 55. Matthew Henry Tully |
| 36. Norman Strong Mussey | 56. William De Witt Tyndall |
| 37. William Newcity | 57. Guy Van Amringe, A.B. |
| 38. John Aloysius O'Rourke, A.B. | 58. Arthur Van Sicken |
| 39. Samuel Thomas Porter | 59. Andrew Frederick Van Thun, Jr. |
| 40. Jacob Rieger | 60. George Coffing Warner |
| 41. James Henry Robinson | 61. Robert Weil, A.M., Ph.D. |
| 42. Hiram Mather Rogers | 62. William Pierrepont White |
| | 63. Frederic Bronson Winthrop, B.A. |

IV. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

JAMES W. MCLANE, M.D.,

President of the College of Physicians and Surgeons,
Medical Department of Columbia College.

DEGREE OF DOCTOR OF MEDICINE

- | | |
|--------------------------------|------------------------------------|
| 1. Robert Abrahams | 7. George Hall Beers |
| 2. Robert Staunton Adams, A.B. | 8. Augustus Edward Bieser |
| 3. Arthur Nathaniel Alling | 9. George Bieser |
| 4. Willis Sidney Anderson | 10. Francis Lawrence Bosqui, Ph.B. |
| 5. Charles Lincoln Banks, B.S. | 11. Robert Boyd, Jr. |
| 6. Carl M. Beebe, M.D. | 12. Willis Northrop Boynton |

13. Samuel Max Brickner, A.B.
14. George Livingston Brodhead
15. John McCarty Brooks, M.D.
16. Walter Brooks Brouner, A.B.
17. Willet Stuart Brown
18. Philip Dibble Bunce
19. Edgar Doak Capps
20. Charles Churchill Carmalt, A.B.
21. Jean Fresne Chauveau, Jr.
22. Walter Cheyne
23. Edwin Clifford Chipman
24. Alfred Peters Cole
25. Joseph Brown Cooke
26. Edwin Marion Cox, Jr.
27. Charles Townshend Dade
28. Philip Joseph Dansereau
29. Charles Hermance DeLancy
30. George Charles Diekman, Ph.G.
31. Jay Orleans Downs
32. Carl Elias Dufft
33. David Orr Edson
34. Thomas Burnham Enders, A.B.
35. Paul William Erdtmann
36. Douglass Ewell, A.B.
37. James Ewing, A.B.
38. Charles Oliver Fairbank
39. Livingston Farrand
40. James Porter Fiske
41. Howard Truman French
42. John Minor Gillespie, A.B.
43. Abram Lawrence Gnichtel
44. James Douglass Gold, Ph.B.
45. Daniel Merritt Griffen
46. John Reevely Guarrant
47. Thomas Hightower Hancock
48. Daniel Bailey Hardenbergh,
A.B.
49. Oscar George Harrison
50. Edward Alexander Hatton, Jr.
51. Robert Forbes Hawkes, A.B.
52. Henry Comstock Hazen
53. Benjamin Van Doren Hedges,
A.B.
54. William Robert Henderson
55. Abraham Alfred Herzfeld, Ph.G.
56. William Hermann Hirsch
57. Warren Bradford Holden
58. John Freman Humphrey
59. Roy Inglis
60. Edward Benjamin Jones
61. William Dickey Kearns, A.B.
62. Louis Philip Knapp, Ph.G.
63. Albert Kohn, A.B.
64. Ulysses Mercur Lanman, B.L.
65. Henry Sabin Leake, A.B.
66. John Leverett, A.B.
67. Seelye William Little, A.B.
68. Charles Washington Lyman
69. Thomas Francis Maguire
70. William Mahoney
71. James Jay Mapes, A.B.
72. Sydney Robertson Marvin
73. Louis Irving Mason
74. Floy McEwen, A.B.
75. Harry Shillingford Miles
76. Edward Everett Moore
77. James Patrick Moore, Jr., A.B.
78. Monroe Morrell
79. Seth Mabry Morris, B.S.
80. Alexis Victor Moschcowitz,
Ph.G.
81. Mortimer Albert Moses
82. William Neer
83. William Bradbury Noyes, A.B.
84. Michael Edward O'Donovan
85. Andrew O'Malley
86. Nathan Oppenheim
87. Louis Cook Osmun
88. George Augustus Peck
89. Frank Diah Peterson
90. Frederick Smith Pickett, A.B.
91. Henry Power
92. Thomas Peck Prout
93. Henry Allston Pulsford, A.B.
94. William Wheelock Quinlan
95. Charles Hewitt Randall
96. Thomas L. Richards
97. John Rogers, Jr., A.B., Ph.B.

- | | |
|---------------------------------------|--|
| 98. Renwick Robert Ross | 115. Fred William Thum, Ph.G. |
| 99. Frederick Charles Roth | 116. Theodore Irving Townsend |
| 100. Everett Warner Russell | 117. Frank Landale Tucker |
| 101. Harry Davison Schwarzschild | 118. George Marvin Tuttle, A.B. |
| 102. Edward Abner Scott | 119. Henry Van Hummell |
| 103. George Sherrill, Jr., A.B. | 120. James Casper Plimpton Van
Loan |
| 104. James Hudson Smart | 121. Harmon Albert Vedder, A.B. |
| 105. Bryant Smith | 122. Edward Wagner |
| 106. Frederick Adams Smith | 123. Legrand Allen Walker |
| 107. Frank Webster Smith | 124. Yeatman Wardlow |
| 108. Isaac Beckett Smith | 125. Archibald Campbell White |
| 109. Sydney Abraham Stein, A.B. | 126. George Reeves White, B.S. |
| 110. Charles Weaver Stewart, Ph.B. | 127. Charles Samuel Williamson |
| 111. William Steven Stone, A.B. | 128. Leslie Montague Winn |
| 112. Cyrus John Strong, A.M. | 129. Thomas Denison Wood, A.B. |
| 113. Howard Canning Taylor, Ph.B. | 130. Edward Eli Worl, A.B. |
| 114. David Owen Thomas, A.B.,
M.D. | |

V. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engi- neer, and Bachelor of Philosophy in Chemistry and Architecture

DEGREE OF ENGINEER OF MINES

- | | |
|-----------------------------|--------------------------------|
| 1. William George Eberhardt | 3. Norman Bernard Holter |
| 2. Edwin Goodwin | 4. Frank Armstrong Lilliendahl |
| 5. Rolla Barnum Watson | |

DEGREE OF CIVIL ENGINEER

- | | |
|-----------------------------------|--------------------------------|
| 1. Francis Blossom | 7. Frank Wilmarth Kinsey |
| 2. Werner Boecklin, Jr. | 8. George Leary |
| 3. Francis Xavier Brosnan, A.M. | 9. Archibald Rogers Livingston |
| 4. John Sheafe Douglas | 10. John Thomas Mahl |
| 5. Edward Ludlow Gould | 11. Mariano Luis Mora |
| 6. John Francis Hawley | 12. Elmer Skinner |
| 13. Gustav Robitscher Tuska, B.S. | |

DEGREE OF ELECTRICAL ENGINEER

1. Gano Sillick Dunn, B.S.
2. William Horatio Freedman, C.E.
3. Arthur Stanley Ives, C.E.
4. Joseph Thompson Monell, C.E.
5. Robert Bowie Owens

DEGREE OF BACHELOR OF PHILOSOPHY

(COURSE OF ANALYTICAL AND APPLIED CHEMISTRY)

1. Richard Charles Boyd
2. Stephen Rowe Bradley
3. Edmund Howd Miller
4. William Wiener, A.B.

DEGREE OF BACHELOR OF PHILOSOPHY

(COURSE OF ARCHITECTURE)

1. George Mendenhall Anderson
2. Collins Pechin Bliss
3. Edward Buxton Cristy
4. Henry Frederick Hornbostel
5. Frederick Sterling Keeler
6. Louis Korn
7. Alfred Raymond, A.B.
8. William Allen Strout
9. Franz Charles Thomas
10. George Oakley Totten, Jr.
11. Lloyd Warren, A.B.

VI. Conferring of the Degrees of Master of Arts and Doctor of Philosophy

DEGREE OF MASTER OF ARTS

1. Franklin Stanleigh Angell, B.S.
2. John Storm Appleby, Ph.B.
3. Annie Leland Barber, A.B.,
Harv. Certif.
4. George Alanson Blauvelt, B.L.
5. William Bondy, A.B.
6. Edwin Solis Brickner, B.S.
7. Charles Adrian Brodek, B.S.
8. Dan Dillon Casement, A.B.
9. Frederick Tabor Cooper, A.B.
10. Frederick René Coudert, Jr.,
A.B.
11. Charles Franklin Davies, B.S.
12. Samuel Whitney Dunscomb, Jr.,
A.B.,
13. Ernest Frederick Eidlitz, B.L.
14. James Watson Gerard Jr., A.B.
15. Henry Alger Gildersleeve, Jr.,
A.B.
16. George Waterbury Glaze, B.S.,
Ph.B.
17. Frank Pierrepont Graves, A.B.
18. Fairfax Harrison, A.B.
19. Charles Harris Hayes, A.B.
20. Thomas Kelby, B.S.

- | | |
|--|----------------------------------|
| 21. Max James Kohler, B.S. | 26. Robert Leslie Moffett, B.L. |
| 22. Hugh La Master, B.S. | 27. Edward Arthur Northall, A.B. |
| 23. Charles Lauriston Livingston,
A.B. | 28. George Howard Opdyke, Ph.B. |
| 24. Archibald Alexander McGlas-
han, A.B. | 29. Albert Brace Pattou, A.B. |
| 25. Charles Riborg Mann, A.B. | 30. Allison Wright Post, A.B. |
| | 31. Alexander Van Wagoner, A.B. |
| | 32. William John Warburton, A.B. |
| | 33. Judah Lewis Weinberg, A.B. |

DEGREE OF DOCTOR OF PHILOSOPHY

- | | |
|---|--------------------------------------|
| 1. John Fieldhouse Fenton, Jr.,
A.M. | 5. Max Leopold Margolis, A.M. |
| 2. John Dean Goss, A.M. | 6. Percival S. Menken, A.M. |
| 3. Edward Gudeman, Ph.B. | 7. Walter Francis Willcox, A.M. |
| 4. Daniel Edward Lorenz, A.M. | 8. Benjamin Duryea Woodward,
A.M. |
| | 9. Clarence Hoffman Young, A.M. |

VII. Conferring of Honorary Degrees

DEGREE OF DOCTOR IN SACRED THEOLOGY

REV. THOMAS FRANCIS GAILOR, A.M., S.T.B.,
Vice Chancellor of the University of the South.

REV. EZRA PALMER GOULD,
Professor of Biblical Criticism in the Philadelphia Divinity School.

DEGREE OF DOCTOR OF LAWS

MERRILL EDWARDS GATES, Ph.D., L.H.D., LL.D.,
President of Amherst College.

HON. JOHN JAY,
Columbia College, Class of 1836.

Waltz
Andalucia (Ch. Le Thiese)
ORCHESTRA

VIII. Award of Prize Scholarships and Prizes in the School of Arts

PRIZE SCHOLARSHIPS

Established by the Trustees: annual value, \$100 each: the examinations for these scholarships are upon subjects announced early in the academic year, and are open to all members of the several classes who are in good and regular standing. Successful competitors must receive, in such examination, a mark exceeding ninety per cent., and those entitled to honorable mention must receive at least ninety per cent. of a possible maximum.

Four of the scholarships are offered for competition to members of the freshman class—one in Latin, one in Greek, one in mathematics, and one in rhetoric.

Five are offered for competition to members of the sophomore class—one in Latin, one in Greek, one in mathematics, one in history, and one in chemistry.

Five are offered for competition to members of the junior class—one in Greek, one in Latin, one in logic and English literature, one in mechanics, and one in physics.

HONOR MEN OF THE SENIOR YEAR, CLASS OF 1891

At the close of the final examination of the year, the head of each department reports to the President the names of those students (not exceeding three in number) who shall have displayed the greatest excellence in his branch of study during the year, and the students thus reported (if proficient in all other branches to which their attendance is due) are deemed *honor men* in that branch.

GREEK.

John Farr Putnam.

LATIN.

Alfred Bernard Moldenke.

ENGLISH (Literary Section, Prose).

Victor Mapes.

ENGLISH (Literary Section, Poetry).

James Loring Arnold.

ENGLISH (Historical Section).

James Loring Arnold.

ANGLO-SAXON.

James Loring Arnold.

ZOROASTER AND HIS TEACHING.

Alexis William Stein.

AVESTA.

Cornelius Stevenson Abbot, Jr.

GERMAN.

William Kimball Greene.

GERMAN LITERATURE.

James Loring Arnold.

HEBREW.

Alexis William Stein.

FRENCH.

Edward Allan Sisson.

FRENCH LITERATURE.

Oliver Samuel Campbell.

ITALIAN.

Edward Allan Sisson.

SPANISH.

Marcus Simpson.

POLITICAL ECONOMY.

Victor Mapes.

CONSTITUTIONAL HISTORY OF
ENGLAND.

William Harison.

CONSTITUTIONAL HISTORY OF THE
UNITED STATES.

William Harison.

George Gillis Leonard.

ETHICS.

Alexis William Stein.

DIFFERENTIAL AND INTEGRAL
CALCULUS.

Edward Hymes.

ASTRONOMY.

Edward Hymes.

MODERN CO-ORDINATE GEOMETRY.

Edward Hymes.

CHEMISTRY.

Albert Rolaz Gallatin,

Charles Bartow.

BOTANY.

Asa Stewart Iglehart.

PHYSICS.

Charles Bartow.

EXPERIMENTAL PSYCHOLOGY.

Edward Hymes.

HISTORY OF PHILOSOPHY.

John Farr Putnam.

PRIZES

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class.

Given by the Alumni Association of the College: annual value, \$50.

Three candidates selected by the faculty and submitted to the class, who choose one of the three to receive the prize.

JOHN FARR PUTNAM.

CHANLER HISTORICAL PRIZE

Income of a fund of \$1,000, bequeathed by J. Winthrop Chanler, of the class of 1847: given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government of America, or some other historical subject assigned by the faculty.

IX. Award of Prizes and Prize Tutorship in the School of Law

PRIZES

Three prizes of the value of \$250, \$150, and \$100, respectively, awarded upon prescribed examinations to such members of the school as have attained the highest excellence in their respective classes in the Department of Municipal Law.

A prize or prizes of \$150, founded by Robert N. Toppan, Esq., and awarded for the best written examination upon topics submitted by the Professor in charge of the Department of Constitutional Law.

PRIZE TUTORSHIPS

Founded by the Trustees: three in number, of the annual value of \$500 each; tenable for three years; one awarded each year; appointment made on the recommendation of the faculty from the members of the graduating class who excel in general proficiency and attention to the studies of the course.

ROBERT THORNE, A.M.

X. Award of Prizes in the College of Physicians and Surgeons, Medical Department of Columbia College

HARSEN PRIZES FOR CLINICAL REPORTS

Founded by the late Jacob Harsen, M.D. Three annual prizes, valued respectively at \$150, \$75, and \$25; given, with a bronze medal to each prize winner, for the best reports in writing by students of the College of Physicians and Surgeons, of the clinical instruction given at the New York Hospital during any four consecutive months of the academic year.

HARSEN PRIZES FOR PROFICIENCY AT EXAMINATION

Three prizes, valued respectively at \$500, \$300, and \$200. Awarded to the most meritorious competitors at examinations consisting of:

1. Examination in writing covering all the seven branches of medical teaching.

2. Examination upon the cadaver in practical anatomy.
3. Practical examinations in clinical medicine and clinical surgery conducted at the hospitals.

The competitors are the most proficient ten candidates for the degree of Doctor of Medicine, all of whom receive

EXAMINATION HONORS

Each of the ten Honor Men, who does not obtain a higher prize, receives a Harsen Prize of \$25.

CARTWRIGHT PRIZE OF THE ALUMNI ASSOCIATION

A biennial prize of \$500, open for universal competition and awarded to the best medical essay containing the results of original investigation made by the writer upon any subject that he may select.

JOSEPH MATHER SMITH PRIZE

Founded as a memorial to the late Professor Smith. Annual prize of \$100 for the best essay on the subject of the year (this year on any subject relating to hygiene, pathology, or practice of medicine) presented by an alumnus of the College of Physicians and Surgeons.

STEVENS TRIENNIAL PRIZE

Established by the late Alexander H. Stevens, M.D., formerly President of the College of Physicians and Surgeons. A triennial prize of \$200, open for universal competition and awarded to the best medical essay containing the results of original investigation made by the writer upon any subject that he may select.

XI. Award of Fellowships in the School of Mines

JOHN TYNDALL FELLOWSHIP

For the encouragement of research in physics.

Income of a fund of \$10,800, given by Professor John Tyndall, of London, for the encouragement of scientific research. Awarded annually to a graduate of, or a student in, some department of Columbia College, who shall devote himself faithfully to the investigation of some subject in physical science.

THOMAS CORNELL COYKENDALL, C.E.

MCKIM FELLOWSHIPS IN ARCHITECTURE

Two in number, founded by Mr. Charles F. McKim, of New York City; value, each, \$1,000; to be devoted to foreign study and travel by the successful candidate. Open for competition every two years to all graduates in architecture of the School of Mines, less than thirty years of age.

ADOLFO CARLOS MUÑOZ DEL MONTE, Ph.B.
Class of 1888.

ALEXANDER McMILLAN WELCH, Ph.B.
Class of 1890.

XII. Award of Prize Fellowships, a Prize and Prize Lectureships in the School of Political Science

PRIZE FELLOWSHIPS

Four in number, of the annual value of \$250 each. Founded by Jesse Seligman, Esq., and awarded by the faculty to the students of the third year who are candidates for the degree of Doctor of Philosophy.

STEPHEN F. WESTON, A.M.
FRANK LOOMIS ECKERSON, A.M.
SAMUEL WHITNEY DUNSCOMB, Jr., A.B.
WILLIAM BONDY, A.B.

PRIZE IN POLITICAL ECONOMY

Annual prize of \$150 for the best essay on some subject in political economy. Founded by Professor Edwin R. A. Seligman, and open to all members of the School of Political Science.

PRIZE LECTURESHIPS

Founded by the Trustees: three in number, of the annual value of \$500 each: tenable for three years: one awarded each year. Open for competition, under certain conditions, to graduates of the School of Political Science and of the School of Law. Holders must deliver annually in the School of Political Science at least twenty lectures, the result of original investigation.

ABRAM C. BERNHEIM, Ph.D.

XIII. Award of University Fellowships

Twenty-four University Fellowships have been established by the Trustees, tenable for one year, with a possibility of reappointment for reasons of weight.

Of these fellowships, twelve are available in 1891-2, eighteen in 1892-3, and the entire twenty-four in 1893-4, and annually thereafter.

The candidate must give evidence

(a) of a liberal education, such as a diploma already granted, or about to be received, from a college or scientific school of good repute ;

(b) of decided fitness for a special line of study, such as an example of some scientific or literary work already performed ;

(c) of upright character, such as a testimonial from some instructor.

The value of each fellowship is five hundred dollars.

George Clinton Densmore Odell, A.B., Columbia College, 1889,	Subject	English
Frank Pierrepont Graves, A.B., Columbia College, 1890,	"	Greek
Charles Harris Hayes, A.B., Columbia College, 1890,	"	German
Harold Griffing, A.B., Columbia College, 1890,	"	History of Philosophy
Charles Riborg Mann, A.B., Columbia College, 1890,	"	Physics
Edwin Mortimer Blake, E.M., Columbia College, School of Mines, 1890,	"	Mathematics
John Farr Putnam, Columbia College, 1891,	"	Greek
Edward Hymes, Columbia College, 1891,	"	Mathematics
William Z. Ripley, B.S., Mass. Inst. of Technology, 1890,	"	Political Economy
Charles A. Stuart, University of Toronto, 1891,	"	History
Max Leopold Margolis, Leibniz Gymnasium, Berlin, A.M., Columbia College, 1890,	"	Semitics
Oliver S. Strong, A.B., College of New Jersey, 1886.	"	Biology.

Selection
Mignon (Thomas)
ORCHESTRA

XIV. Address by President Low

XV. Benediction By the Chaplain of the College

Selection
College Airs
ORCHESTRA

COMMITTEE OF ARRANGEMENTS

JULIEN T. DAVIES, Chairman,
ROLLA B. WATSON, Grand Marshal.

SCHOOL OF ARTS

JULIEN T. DAVIES, Chairman,
CHARLES BARTOW,
ASA S. IGLEHART,
EDWARD A. SISSON,
MONTAGUE HOWARD.

SCHOOL OF LAW

GEORGE C. WARNER, Chairman,
CYRUS C. MILLER,
WILLIAM L. BREWSTER,
CORNELIUS F. COLLINS,
WOLCOTT G. LANE.

COLLEGE OF PHYSICIANS AND SURGEONS

EDGAR D. CAPPS, Chairman,
LOUIS I. MASON,
RENWICK R. ROSS,
GEORGE M. TUTTLE,
BENJAMIN V. HEDGES.

SCHOOL OF MINES

ROLLA B. WATSON, Chairman,
ARCHIBALD R. LIVINGSTON,
NORMAN B. HOLTER,
FRANK W. KINSEY,
GEORGE M. ANDERSON.

SCHOOL OF POLITICAL SCIENCE

JOHN F. FENTON, Jr., Chairman,
STEPHEN F. WESTON,
SAMUEL W. DUNSCOMB, Jr.,

SCHOOL OF PHILOSOPHY

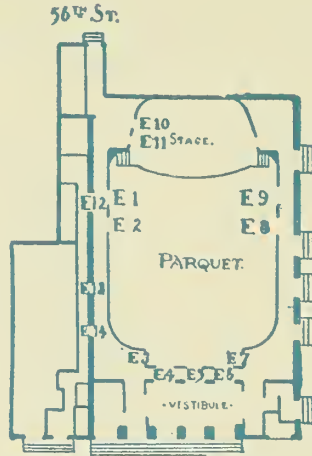
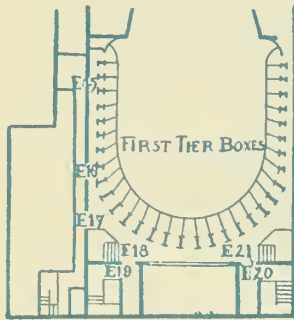
MAX L. MARGOLIS, Chairman,
THOMAS A. HUMASON,
FREDERICK T. COOPER.

MUSICAL DIRECTOR

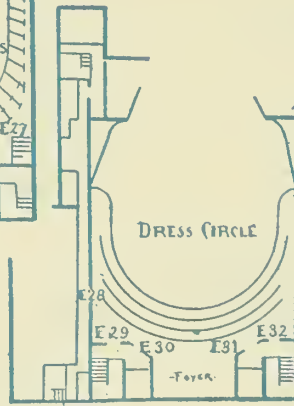
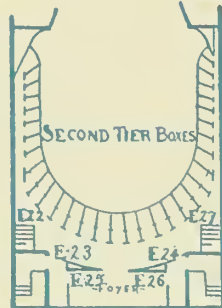
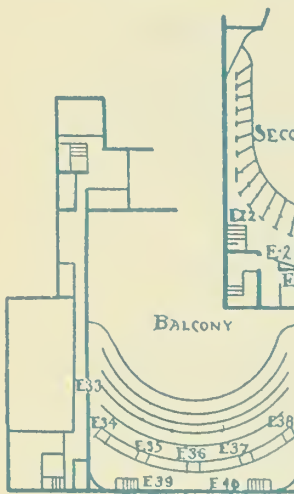
J. M. LANDER

"MUSIC HALL"
57TH ST. AND 7TH AVE.

DIAGRAM OF EXITS.



7TH AVENUE.



PARQUET.

- Exits 1, 2, 3, 7, 8, 9
To Corridor
- " 4, 5, 6
To Main Vestibule
- " 10, 11
To 56th Street
- " 12, 13, 14
To 57th Street

FIRST TIER BOXES.

- Exits 15, 16, 17
To 57th Street
- " 18, 21
To Parquet Corridor
- " 19, To Main Vestibule
and 57th Street
- " 20, To Main Vestibule
and 7th Avenue

SECOND TIER BOXES.

- Exits 22, 27
To Parquet Corridor
- " 23, 25
To Main Vestibule
and 57th Street
- " 24, 26
To Main Vestibule
and 7th Avenue

DRESS CIRCLE.

- Exits 28,
To 56th and 57th Streets
- " 29, 30
To Main Vestibule
and 57th Street
- " 31, 32
To Main Vestibule
and 7th Avenue

BALCONY.

- Exits 33
To 56th and 57th Streets
- " 34, 35, 36, 37, 38, 39, 40
To Main Vestibule, 57th
Street and 7th Avenue

Note. All Exits are marked E.



Columbia College
in the City of New York

ONE HUNDRED AND THIRTY-EIGHTH

ANNUAL COMMENCEMENT

OF

COLUMBIA COLLEGE

IN THE CITY OF NEW YORK

JUNE 8, 1892

The Union

1878

1878

Order of Exercises

Overture

Leonore (Beethoven)

ORCHESTRA

Selection

La Giaconda (Ponchielli)

ORCHESTRA

March

Athalia (Mendelsohn)

ORCHESTRA

I. Prayer

By the Chaplain of the College

Intermezzo

Cavalleria Rusticana (Mascagni)

ORCHESTRA

II. Conferring of the Degree of Bachelor of Arts

DEGREE OF BACHELOR OF ARTS

- | | |
|------------------------------|---------------------------------|
| 1. Walter Montgomery Arnold | 6. George Louis Beer |
| 2. Robert Archibald Ashworth | 7. Charles James Blewitt |
| 3. David Bandler | 8. Elizabeth Morton Boyce |
| 4. Samuel Bandler | 9. Horace Irving Brightman |
| 5. John Augustus Barnard | 10. Edward Stelle Brownson, Jr. |

- | | |
|--------------------------------|------------------------------------|
| 11. Henry Jagoe Burchell, Jr. | 24. Joseph Larocque, Jr. |
| 12. Aron Wright Chapman | 25. Charles Warring Leffingwell |
| 13. Harris Robbins Childs | 26. George Edgar Morgan |
| 14. Thomas Ludlow Chrystie | 27. George Stevenson Nicholas, Jr. |
| 15. Randall Comfort | 28. Alexander Moncrief Proudfit |
| 16. Rufus Billings Cowing, Jr. | 29. Edward Roberts |
| 17. Henry Skillman Curtis | 30. James Burgess Sill |
| 18. Augustine Elmendorf | 31. Charles Hamilton Sisson |
| 19. Edwin Rodney Fiske | 32. Everett Pepperrell Smith |
| 20. Herschel Luther Gardner | 33. Clarence Walton Vail |
| 21. George Welling Giddings | 34. Charles Auguste Valadier |
| 22. Arthur Thomas Hewlett | 35. Auguste Schwarzwaelder Vatable |
| 23. Frederick Winston Keasbey | 36. Edward Bowne Willetts, Jr. |
| | 37. Stephen Seymour Wise |
-

III. Conferring of the Degree of Bachelor of Laws

- | | |
|-----------------------------------|--------------------------------------|
| 1. Herman Henry Baker | 21. Charles Snow Kellogg |
| 2. Charles Francis Bates | 22. Nathan Holcombe Lord |
| 3. Walter Scott Beadles, A.B. | 23. Harry H. McMahan, A.B., A.M. |
| 4. Charles Keller Beekman, A.B. | 24. Seligman Manheimer |
| 5. William Monroe Benham, A.B. | 25. William Parmenter Martin |
| 6. Robert Bonson, LL.B. | 26. Michael May |
| 7. Samuel Cohn, B.S. | 27. Percival S. Menken, A.B., Ph.D. |
| 8. Elmer Wilson Demarest | 28. Paul Francis Merian |
| 9. Conrad Augustus Dieterich | 29. Francis Gregory Moore |
| 10. Clarence Clark Ferris, A.B. | 30. Michael Francis O'Brien |
| 11. Robert Gibson, Jr., B.S. | 31. Lucius Noyes Palmer, A.B., Ph.B. |
| 12. John Thomas Gridley | 32. Ralph Stowell Rounds, A.B. |
| 13. Albert Francis Hagar, A.B. | 33. Randall Salisbury, A.B. |
| 14. Benjamin Franklin Harris, Jr. | 34. Willard Scudder, A.B. |
| 15. William Frederick S. Hart | 35. James Shea, Jr. |
| 16. Henry Eugene Holdridge | 36. John Joseph Smith, A.B. |
| 17. Edward Thomas Horwill | 37. Frederic Joseph Swift |
| 18. William Isaac Jacobs, A.B. | 38. James Cornell Van Siclen |
| 19. James Courvoisier Johnson | 39. George Hunt Walker, M.S. |
| 20. Remsen Johnson, A.M. | 40. James Alexander Whyte |
| | 41. John Herman Wolters |

IV. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

JAMES W. McLANE, M.D.,

DEAN OF THE COLLEGE OF PHYSICIANS AND SURGEONS.

DEGREE OF DOCTOR OF MEDICINE

1. Aristides Agramonte
2. William Frederick Amos, M.D.
3. Walter Jarvis Barlow, A.B.
4. Donald McLean Barstow, A.B.
5. Eugene Walker Belknap, A.B.
6. Frank Everett Benjamin, Ph.G.
7. Samuel Beyea
8. Ernest Smith Bishop, A.B.
9. William Bascom Bissell, A.B.
10. Bruce Gould Blackmar
11. David Bovaird, Jr., A.B.
12. Mark Spaulding Bradley
13. William Barrett Brinsmade, A.B.
14. John Glover Broughton, Jr., A.B.
15. Robert Curtis Brown, A.B.
16. John Bernard Busted
17. Ernest Goodell Carleton, A.B.
18. Matthew Laurence Carr, A.B.
19. George Herbert Carter, A.B.
20. Frank Warren Chamberlin
21. Edward Graham Clifton
22. John Philip Cooney
23. Robert Francis Cunnion, A.B.
24. Edward William Daniels
25. Joseph Davidson
26. Herbert Sidney Dixon, A.B.
27. George Lathrop Douglas
28. John Seymour Emans, A.B.
29. Harry Wyle Emerson
30. Edward Sherman Farrington
31. Frank Sidney Fielder, Ph.B.
32. Gustav Grant Fischlowitz, A.B.
33. James Lindsay France
34. Pedro Florentino Francke
35. Emil Frei
36. Ventura Fuentes, A.B.
37. James Thomas Gallagher, A.B.
38. Charles Alexander Gilchrist, A.B.
39. John Samuel Halsey
40. Erskine Erasmus Hamilton
41. James Parton Haney, B.S.
42. Willard Avery Heacock
43. John Franklin Heim
44. Joseph John Higgins
45. Fred Lyman Hills
46. John Hoch, A.B.
47. Harry Bigelow Holmes, A.B.
48. Alfred Elisha Hubbard, Ph.G.
49. George Clinton Hubbard
50. Charles Demarest Kline
51. Arnold Herman Knapp, A.B.
52. James Krom
53. William Karl Kubin
54. Jesse William Lazear, A.B.
55. Edward Leaming
56. Fred Eugene Leonard, A.B.
57. Justo Lopez y San Roman, B.S.
58. William Gordon Lyle
59. Hugo Maetke
60. Alfred Mann, A.B.
61. James Harvey Manny, Jr., M.D.
62. Kingsley Walton Martin, Ph.B.

- | | |
|---|--|
| 63. John McBarron, A.B. | 91. Constantine Richard Schaefer |
| 64. James Francis McCaw | 92. John Eliot Shrady, B.S. |
| 65. John Charles McCoy | 93. Henry Dorr Sill, B.S. |
| 66. Champe Carter McCulloch,
Ph.B., M.D. | 94. Warren Seabury Simmons, Jr.,
Ph.B. |
| 67. John Timothy McGillicuddy | 95. Fred Palmer Solley, A.B., Ph.B. |
| 68. William Robert McGuirk | 96. William Laing Somerset, A.M. |
| 69. William Howard McKenzie, A.B. | 97. John Franklin Southmayd |
| 70. Porter Robert McMaster, A.M. | 98. Henry Spence |
| 71. Julius Morgenstern, A.B. | 99. John Bethune Stein. |
| 72. William Howe Morrison | 100. Charles Wadham Stevens, A.B. |
| 73. Carl George Christian Mund | 101. Horace Sheldon Stokes, A.B. |
| 74. William Frederick Neumann | 102. John Charles Storz |
| 75. James LeGrand New | 103. Allen Greenleaf Terrell |
| 76. Matthias Nicoll, Jr., A.B. | 104. Edmund Sanford Thomson |
| 77. Charles Norris, Jr., Ph.B. | 105. Thomas Dyer Tuttle, B.S. |
| 78. Charles Howard Peck | 106. Washington Irving Van Riper |
| 79. Charles Harris Perkins | 107. Carlos Volio-Jimenez, A.B. |
| 80. Edward Tolmon Cornelius Perry | 108. Frederick Leopold Wachen-
heim, A.B. |
| 81. Edward Hamilton Pershing, B.S. | 109. Brownlee Robertson Ward,
A.B., Ph.B. |
| 82. George Frederick Pope | 110. Martin Wiener Ware |
| 83. Marshall Ashby Purse, M.D. | 111. Thomas Pinckney Waring, A.B. |
| 84. William Warren Quinton | 112. Royal Phillips Watkins, A.B. |
| 85. William Hayden Rockwell, Jr.,
A.B. | 113. Robert Taylor Wheeler, Ph.B. |
| 86. Edward Holton Rogers, A.B. | 114. Edward Lincoln Williamson,
A.B. |
| 87. George Augustus Rogers | 115. Alexander King Winter |
| 88. Max Rosenberg, B.S. | 116. Adolphus George Wippert, M.D. |
| 89. Jacob Rosenblueth, A.B. | |
| 90. Joseph Saxl | |

V. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engi- neer, and Bachelor of Philosophy

DEGREE OF ENGINEER OF MINES

- | | |
|---------------------------|---------------------------------|
| 1. William Cowles Clarke | 5. Halbert Powers Gillette |
| 2. Edward Léonce Dufourcq | 6. Arthur Hay |
| 3. Edward Benjamin Durham | 7. Lindsay Bartholomew Longacre |
| 4. Clarence Norman Fenner | 8. James Buell McKinlay |
| 9. Eugene Merz, B.S. | |

DEGREE OF CIVIL ENGINEER

- | | |
|---|-------------------------------|
| 1. Charles Hill Bergen | 9. John Joseph Kletchka, A.B. |
| 2. George Holberton Casamajor | 10. Frederick Reuben Lord |
| 3. Charles Francis Dolan | 11. Frederick Emery Pierce |
| 4. Edward Peers Eastwick, Jr.,
Ph.B., S.E. | 12. George Frederick Reckhart |
| 5. Samuel Friedman, B.E. | 13. Albert Rosenthal |
| 6. Abbott Dean Granger | 14. Seward Merrill Savage |
| 7. Walter Augustus Herckenrath,
A.M. | 15. George Carroll Southard |
| 8. Oswald Jackson | 16. James Towart |
| | 17. Robert Davis White |
| | 18. Clifton Nichols Windecker |

DEGREE OF ELECTRICAL ENGINEER

- | | |
|---------------------------|--|
| 1. Archibald Anthon | 5. Thatcher Taylor Payne Luquer,
C.E. |
| 2. Dwight Dana Book, C.E. | 6. Charles Howard Parmly, B.S. |
| 3. Newton Harrison. | 7. William Willis Reese, A.B. |
| 4. Charles Edwin Knox | |

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Geology and Palæontology)

Heinrich Ries

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Analytical and Applied Chemistry)

- | | |
|-----------------------------------|----------------------------|
| 1. Louis Adolph Ansbacher | 3. Basil Hicks Dutcher |
| 2. Henry Burden, 2d, A.B. | 4. Parker Cairns McIlhiney |
| 5. Frederic Charles Albert Meisel | |

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Architecture)

- | | |
|-------------------------|------------------------|
| 1. Randolph Bolles | 3. Seth Justin Temple |
| 2. Goodhue Livingston | 4. Harry Claude Werner |
| 5. August Paul Windolph | |

VI. Conferring of the Degrees of Master of Arts and Doctor of Philosophy

DEGREE OF MASTER OF ARTS

- | | |
|------------------------------|---------------------------------|
| 1. Addison Allen, Ph.B. | 4. Cortlandt Field Bishop, A.B. |
| 2. De Witt Bailey, A.B. | 5. Richard Charles Boyd, Ph.B. |
| 3. George James Bayles, A.B. | 6. William Carl, A.B. |

- | | |
|---------------------------------------|--------------------------------------|
| 7. Frederick Merritt Corse, A.B. | 17. William Zebina Ripley, B.S. |
| 8. Eddy Clark Covell, A.B. | 18. Seth Banister Robinson, Ph.B. |
| 9. Carlton Clarence Curtiss, A.B. | 19. John Edward Roeser, B.S. |
| 10. Henry Murray Dater, A.B. | 20. Victor Solomon Rosewater, Ph.B. |
| 11. Joseph Albert Deghueé, Ph.B. | 21. Marcus Simpson, A.B. |
| 12. Bertrand Chase Hinman, Ph.B. | 22. Solomon Marcus Stroock, B.S. |
| 13. Charles Conover Kalbfleisch, A.B. | 23. George Oakley Totten, Jr., Ph.B. |
| 14. George Gillis Leonard, A.B. | 24. Charles Peck Warren, Ph.B. |
| 15. James Haviland Merritt, Ph.B. | 25. Max West, B.S. |
| 16. Edmund Howd Miller, Ph.B. | 26. Henry Crofut White, A.B. |
| 27. Grenville Bayard Winthrop, A.B. | |

DEGREE OF DOCTOR OF PHILOSOPHY

Charles Henry James Douglas, A.M. Robert Ingram Brown Illman, A.B.
Edmund Steele Joy, A.M., LL.B.

VII. Conferring of Honorary Degrees

DEGREE OF DOCTOR IN SACRED THEOLOGY

HENRY LAWRENCE JONES

Columbia College, Class of 1858, Rector St. Stephen's Church, Wilkesbarre, Pa.

DEGREE OF DOCTOR OF LAWS

JACOB GOULD SCHURMAN, D.Sc.

President of Cornell University

FESSENDEN NOTT OTIS,

M.D., Medical College of New York, 1852

EDGAR M. CULLEN

Columbia College, Class of 1860, Justice Supreme Court, Second Judicial District, New York

DEGREE OF DOCTOR OF LETTERS

EDMUND CLARENCE STEDMAN

Yale University, Class of 1853

Waltz

Kaiser (Strauss)

ORCHESTRA

VIII. Award of Prize Scholarships and Prizes in the School of Arts

PRIZE SCHOLARSHIPS

Established by the Trustees: annual value, \$100 each: the examinations for these scholarships are upon subjects announced early in the academic year, and are open to all members of the several classes who are in good and regular standing. Successful competitors must receive, in such examination, a mark exceeding ninety per cent., and those entitled to honorable mention must receive at least ninety per cent., of a possible maximum.

Four of the scholarships are offered for competition to members of the freshman class—one in Latin, one in Greek, one in mathematics, and one in rhetoric.

Five are offered for competition to members of the sophomore class—one in Latin, one in Greek, one in mathematics, one in history, and one in chemistry.

Five are offered for competition to members of the junior class—one in Greek, one in Latin, one in logic and English literature, one in mechanics, and one in physics.

HONOR MEN OF THE SENIOR YEAR, CLASS OF 1892.

At the close of the final examination of the year, the head of each department reports to the President the names of those students (not exceeding three in number) who shall have displayed the greatest excellence in his branch of study during the year, and the students thus reported (if proficient in all other branches to which their attendance is due) are deemed *honor men* in that branch.

GREEK.

Henry Jagoe Burchell, Jr.

LATIN.

Henry Jagoe Burchell, Jr.
Charles Auguste Valadier.

ENGLISH (Chaucer ; Language and Literature).

Charles Hamilton Sisson.

ENGLISH (Shakspeare ; Lang. and Lit.).

Robert Archibald Ashworth.
James Burgess Sill.

ANGLO-SAXON.

Edward Stelle Brownson, Jr.

POLITICAL PHILOSOPHY.

George Louis Beer.

ZOROASTER AND HIS TEACHING.

Aron Wright Chapman.

GERMAN.

Edwin Rodney Fiske.

GERMAN LITERATURE.

Clarence Walton Vail.

FRENCH.

Robert Archibald Ashworth.

FRENCH LITERATURE OF 17TH CENTURY.

Edward Roberts.

FRENCH POETRY OF 19TH CENTURY.

Henry Jagoe Burchell, Jr.

POLITICAL ECONOMY.

George Louis Beer.

CONSTITUTIONAL HISTORY OF ENGLAND.

George Louis Beer.

CONSTITUTIONAL HISTORY OF EUROPE AND THE UNITED STATES.

George Louis Beer.

FINANCIAL HISTORY OF THE UNITED STATES.

George Louis Beer.

ETHICS.

Charles Auguste Valadier.

HISTORICAL AND POLITICAL GEOGRAPHY.

George Edgar Morgan.

DIFFERENTIAL AND INTEGRAL CALCULUS.

Edward Stelle Brownson, Jr.

ASTRONOMY.

Edwin Rodney Fiske.

BOTANY.

Charles Auguste Valadier.

PHYSICS.

Aron Wright Chapman,
Edwin Rodney Fiske.

EXPERIMENTAL PSYCHOLOGY.

Charles Auguste Valadier.

HISTORY OF PHILOSOPHY.

Charles Auguste Valadier.

PRIZES

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class.

Given by the Alumni Association of the College: annual value, \$50.

Three candidates selected by the faculty and submitted to the class, who choose one of the three to receive the prize.

EDWARD STELLE BROWNSON, JR.

CHANLER HISTORICAL PRIZE

Income of a fund of \$1,000, bequeathed by J. Winthrop Chanler, of the class of 1847: given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government of America, or some other historical subject assigned by the faculty.

IX. Award of Prizes and Prize Lectureship in the School of Law

PRIZES

Three prizes of the value of \$250, \$150, and \$100, respectively, awarded upon prescribed examinations to such members of the school as have attained the highest excellence in their respective classes in the Department of Municipal Law.

A prize or prizes of \$150, founded by Robert N. Toppan, Esq., and awarded for the best written examination upon topics submitted by the Professor in charge of the Department of Constitutional Law.

PRIZE LECTURESHIP

Founded by the Trustees: three in number, of the annual value of \$500 each; tenable for three years; one awarded each year; appointment made on the recommendation of the faculty from the members of the graduating class who excel in general proficiency and attention to the studies of the course.

RALPH STOWELL ROUNDS, A.B.

X. Award of Prizes and Fellowships in the College of Physicians and Surgeons

HARSEN PRIZES FOR CLINICAL REPORTS

Founded by the late Jacob Harsen, M.D. Three annual prizes, valued respectively at \$150, \$75, and \$25; given, with a bronze medal to each prize winner, for the best reports in writing by students of the College of Physicians and Surgeons, of the clinical instruction given at the New York Hospital during any four consecutive months of the academic year.

HARSEN PRIZES FOR PROFICIENCY AT EXAMINATION

Three prizes, valued respectively at \$500, \$300, and \$200. Awarded to the most meritorious competitors at examinations consisting of:

1. Examination in writing covering all the seven branches of medical teaching.
2. Examination upon the cadaver in practical anatomy.
3. Practical examinations in clinical medicine and clinical surgery conducted at the hospitals.

The competitors are the most proficient ten candidates for the degree of Doctor of Medicine, all of whom receive

EXAMINATION HONORS

Each of the ten Honor Men, who does not obtain a higher prize, receives a Harsen Prize of \$25.

ALUMNI ASSOCIATION PRIZE

A biennial prize of \$500, open for competition to alumni of the College of Physicians and Surgeons, and awarded to the best medical essay containing the results of original investigation made by the writer upon any subject that he may select.

JOSEPH MATHER SMITH PRIZE

Founded as a memorial of the late Professor Smith. Annual prize of \$100 for the best essay on the subject of the year (this year on any subject relating to hygiene, pathology, or practical medicine) presented by an alumnus of the College of Physicians and Surgeons.

FELLOWSHIPS OF THE ALUMNI ASSOCIATION

Three fellowships, provision for which is made annually by the Alumni Association, are open to graduates of the College of Physicians and Surgeons who have shown special aptitude for scientific research in the departments of anatomy, physiology, or pathology. They are to be held for a period of two years, and have an annual value of five hundred dollars each. The appointments are made by the Executive Committee of the Alumni Association from candidates presented by the professor of anatomy, the professor of physiology, and the director of the pathological laboratory.

XI. Award of Fellowships in the School of Mines

JOHN TYNDALL FELLOWSHIP

For the encouragement of research in physics.

Income of a fund of \$10,800, given by Professor John Tyndall, of London, for the encouragement of scientific research. Awarded annually to a graduate of, or a student in, some department of Columbia College, who shall devote himself faithfully to the investigation of some subject in physical science.

WILLIAM HORATIO FREEDMAN, C.E., E.E.

COLUMBIA FELLOWSHIP IN ARCHITECTURE

Founded by the Trustees; value, \$1,300; to be devoted to foreign study and travel by the successful candidate. Open for competition every two years to all graduates in architecture of the School of Mines, less than thirty years of age.

HORACE BORCHSENIUS MANN, PH.B.

Class of 1890

XII. Award of Prize Fellowship in the School of Political Science

PRIZE FELLOWSHIP

Annual value, \$250. Founded by Jesse Seligman, Esq., and awarded by the faculty to a student of the third year who is a candidate for the degree of Doctor of Philosophy.

FREDERICK AUGUSTUS WOOD, A.B.

XIII. Award of University Fellowships

Twenty-four University Fellowships have been established by the Trustees, tenable for one year, with a possibility of reappointment for reasons of weight.

Of these fellowships, eighteen are available in 1892-3, and the entire twenty-four in 1893-4, and annually thereafter.

The candidate must give evidence

(a) of a liberal education, such as a diploma already granted, or about to be received, from a college or scientific school of good repute;

(b) of decided fitness for a special line of study, such as an example of some scientific or literary work already performed;

(c) of upright character, such as a testimonial from some instructor.

The value of each fellowship is five hundred dollars.

Robert Archibald Ashworth, Columbia College, 1892.	Subject, English.
Edwin Mortimer Blake, E. M., Columbia College, 1890.	" Mathematics.
Henry Jagoe Burchell, Jr., Columbia College, 1892.	" Latin.
Harold Griffing, A.B., Columbia College, 1890.	" Philosophy.
John Martin Littlejohn, A.M., B.D., LL.B., University of Glasgow.	" Political Philosophy.
James A. McLean, University College, Toronto, 1892.	" Comparative Jurisprudence.
Charles Riborg Mann, A.M., Columbia College, 1890.	" Physics.
William Zebina Ripley, B.S., Massachusetts Institute of Technology, 1890.	" Economics.
James D. Rogers, A.B., Hamilton College, 1889.	" Greek.
Stuart H. Rowe, A.B., Yale University, 1890.	" Pedagogics.
John K. Small, Franklin and Marshall College, 1892.	" Botany.
Charles Auguste Valadier, Columbia College, 1892.	" Experimental Psychology.
Clarence Walton Vail, Columbia College, 1892.	" Germanic Languages.
Clark G. Voorhees, Ph.B., Yale University, 1891.	" Chemistry.
Francis Walker, Mass. Institute of Technology, 1892.	" Economics.
Max West, B.S., University of Minnesota, 1890.	" Finance.
Stephen Francis Weston, A.M., Antioch College, Ohio, 1879.	" Finance.
Asa Wynkoop, A.B., Rutgers College, 1887.	" Philosophy.

Selection
Tyrolean (Zeller)
ORCHESTRA

XIV. Address by President Low

XV. Benediction By the Chaplain of the College

Selection
College Airs
ORCHESTRA

COMMITTEE OF ARRANGEMENTS

CHARLES W. LEFFINGWELL, Chairman,
RANDOLPH BOLLES, Grand Marshal.

SCHOOL OF ARTS

EDWARD S. BROWNSON, Jr., Chair-
man,
ROBERT A. ASHWORTH,
CHARLES W. LEFFINGWELL.

COLLEGE OF PHYSICIANS AND SURGEONS

DAVID BOVAIRD, Jr., Chairman,
VENTURA FUENTES,
BROWNLEE R. WARD.

SCHOOL OF MINES

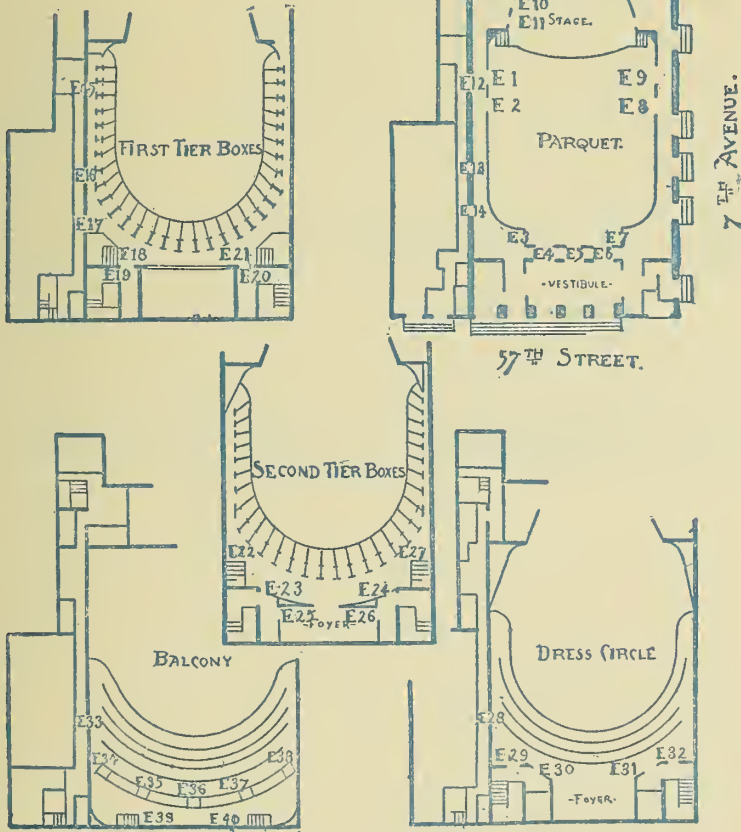
EDWARD L. DUFOURCQ, Chairman,
RANDOLPH BOLLES,
FREDERICK R. LORD.

MUSICAL DIRECTOR

J. M. LANDER

"MUSIC HALL."
57TH ST. AND 7TH AVE.

DIAGRAM OF EXITS.



PARQUET.

- Exits 1, 2, 3, 7, 8, 9
 To Corridor
- " 4, 5, 6
 To Main Vestibule
- " 10, 11
 To 56th Street
- " 12, 13, 14
 To 57th Street

FIRST TIER BOXES.

- Exits 15, 16, 17
 To 57th Street
- " 18, 21
 To Parquet Corridor
- Exit 19, To Main Vestibule
 and 57th Street
- " 20, To Main Vestibule
 and 7th Avenue

SECOND TIER BOXES.

- Exits 22, 27
 To Parquet Corridor
- " 23, 25
 To Main Vestibule
 and 57th Street
- " 24, 26
 To Main Vestibule
 and 7th Avenue

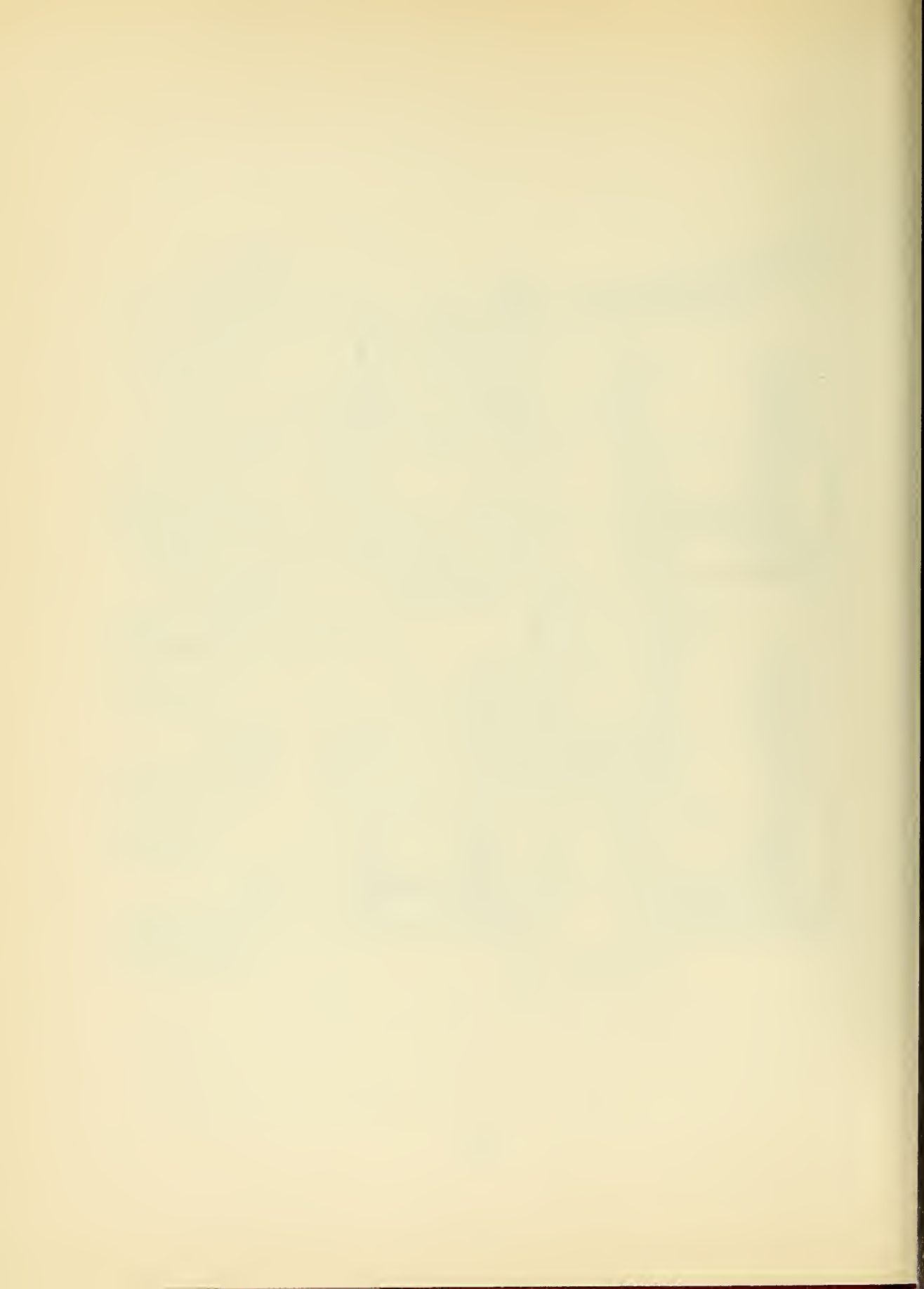
DRESS CIRCLE.

- Exit 28,
 To 56th and 57th Streets
- Exits 29, 30
 To Main Vestibule
 and 57th Street
- " 31, 32
 To Main Vestibule
 and 7th Avenue

BALCONY.

- Exit 33
 To 56th and 57th Streets
- Exits 34, 35, 36, 37, 38, 39, 40
 To Main Vestibule, 57th
 Street and 7th Avenue

Note: All Exits are marked E.





Columbia College
in the City of New York

ONE HUNDRED AND THIRTY-NINTH

ANNUAL COMMENCEMENT

JUNE 14, 1893

Gift
The University
25 My 01

Order of Exercises

Overture

Rosamunde (Schubert)

ORCHESTRA

Preislied

Meistersinger (Wagner)

ORCHESTRA

March

La Reine de Saba (Gounod)

ORCHESTRA

I. Prayer

By the Chaplain of the College

Intermezzo

Naila (Delibes)

ORCHESTRA

II. Conferring of the Degree of Bachelor of Arts

1. Henry Watterson Bainton
2. Acton Civill Bassett
3. William Henry Bawden
4. Henry Charles Bernheim
5. Max Jacob Bernheim
6. Abraham Bijur
7. Joseph Bijur

8. Middleton Smith Borland
9. Charles Chisholm Brainerd
10. William Ross Brinckerhoff
11. Elias Galley Brown, Jr.
12. John Francis Carew
13. Sidney Bernhard Cohn
14. Peter Grant Cornell

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|---------------------------------|--|
| 15. Henry Edward Crampton, Jr. | 39. George N. Olcott |
| 16. William Ballou Donnell | 40. Thomas Pollock Peters |
| 17. Appleton Grannis | 41. Hamilton Bancker Phelps |
| 18. Roland Palmer Gray | 42. Charles Louis Pollard |
| 19. Chauncey Boyd Griffiths | 43. John Lovett Rile, Jr. |
| 20. Willett Nicoll Hawkins, Jr. | 44. Fielding Tecumseh Robeson |
| 21. George Charles Hayes | 45. Edward Grundy Rotter |
| 22. William Addison Hervey | 46. Sandford Louis Rotter |
| 23. Herbert Müller Hopkins | 47. William Robert Shepherd |
| 24. Judah Joffe | 48. Louis Victor Southack |
| 25. Frederick Kaufman | 49. Arnon Lyon Squiers |
| 26. Stephen Henry Keating | 50. Andrew Varick Stout |
| 27. Harvey Roberts Kingsley | 51. Starr Taintor |
| 28. Arthur Charles Kletzsch | 52. Samuel George Fitzhugh Towns-
end |
| 29. Wilfred Lay | 53. Sidney Hubbell Treat |
| 30. Leffert Lefferts | 54. Frederic Edgar Underhill |
| 31. Louis Lesinsky | 55. Herbert Treadwell Wade |
| 32. Caspar Levias | 56. Dana Clemmer Wells |
| 33. Edward Peale MacMullen | 57. William Edward West |
| 34. Leonard Beecher McWhood | 58. Frederic Newton Whitehorne |
| 35. Walter Taylor Marvin | 59. William Peck Whyland |
| 36. Walter Herbert Merrall | 60. Fred Templeton Zabriskie |
| 37. George Lawrence Myers | 61. August Zinsser, Jr. |
| 38. Walter Scott Newhouse | |

FROM BARNARD COLLEGE

- | | |
|----------------------------|---------------------------|
| 1. Lulu Grace Farrant | 5. Alice Kohn |
| 2. Jessie Boyne Garretson | 6. Laura Grace Levy |
| 3. Alice Maplesden Keys | 7. Mary Stuart Pullman |
| 4. Clarita Mercedes Knight | 8. Louise Merritt Stabler |

III. Conferring of the Degree of Bachelor of Laws

- | | |
|--|--|
| 1. Frank Adams Acer | 9. William Bondy, A.M. |
| 2. Arthur Aaron Alexander | 10. William Watts Bonson |
| 3. Alexander Hopkins Anderson,
A.B. | 11. Frederick A. Busch |
| 4. Frank Barker | 12. William Chesebrough Cammann,
A.B. |
| 5. Herbert Seymour Barnes | 13. Martin Berthold Cohn |
| 6. Edwin Stanton Bayer, A.B. | 14. James Church Cropsey |
| 7. William Mason Bennett, A.B. | 15. Henry Brundage Culver |
| 8. Adolph Bloch | 16. Robert George Dillenback |

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| 17. Read Gordon Dilworth, A.B. | 43. Thomas Patrick McKenna |
| 18. Edwin Duffey, A.B. | 44. Gustavus Ewald Menzel |
| 19. Frederick Smyth Duncan, A.B. | 45. Albert Ossar Miller, Jr. |
| 20. Samuel Whitney Dunscomb, Jr.,
A.B., A.M. | 46. Henry Richards Moore |
| 21. Myer Edelman | 47. Emanuel Newman |
| 22. George Herbert Engelhard | 48. William Crue Nicoll |
| 23. Alfred Epstein | 49. Herbert Noble, A.B. |
| 24. Ira Joseph Ettinger | 50. John Patterson |
| 25. Joseph Paul Fallon, Jr. | 51. Alexander Pentlarge |
| 26. Edward Foggin | 52. Leopold Bertram Pollak |
| 27. George Homan Furman | 53. Charles Benton Power, A.B. |
| 28. William Edwin Hailey | 54. Seth Banister Robinson, Ph.B.,
A.M. |
| 29. William Herbert Hanford | 55. John Edward Roeser, B.S. |
| 30. William Harrison, A.B. | 56. Clarence De Witt Rogers, B.S. |
| 31. Leon Hühner, A.B. | 57. George Putnam Sanborn |
| 32. Ralph Wesley Hyatt | 58. Jacob Schauf |
| 33. Charles Huntington Jackson, A.B. | 59. Alfred Frederick Seligsberg, A.B. |
| 34. Joseph S. Jaffa | 60. George W. Simpson |
| 35. John Newton Johnson | 61. Max David Steuer |
| 36. Charles Conover Kalbfleisch, A.B. | 62. Percy H. Stewart, A.B. |
| 37. Thomas Kelby, B.S., A.M. | 63. Charles Thaddeus Terry, A.B. |
| 38. Irving I. Kempner | 64. Walter Underhill |
| 39. William Klingenstein | 65. Alexander Van Wagoner, A.B.,
A.M. |
| 40. Max James Kohler, B.S., A.M. | 66. Arnold Charles Weil |
| 41. William Ransford Loomis, A.B. | 67. James Augustus Wilson |
| 42. Victor King McElheny, Jr., A.B. | |

IV. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

PROFESSOR GEORGE L. PEABODY, M.D.

of the Faculty of the College of Physicians and Surgeons

- | | |
|------------------------------|---|
| 1. Paul White Abell | 4. William Lucius Armstrong, A.B.,
Ph.B. |
| 2. Vanderpoel Adriance, A.B. | 5. William Seaman Bainbridge |
| 3. Oran Purdy Andrews | 6. Joseph De Vere Barber |

7. Herbert Luther Barker, Ph.B.
8. Joseph Baum, B.S.
9. William Josiah Blalock, A.B.
10. William John Bohlk
11. William Bushnell, Jr.
12. James Green Carson
13. Amasa Day Chaffee, A.B.
14. Howard Dennis Collins, A.B.
15. Lee Cooke
16. John Joseph Cronin, A.B.
17. George Van Ness Dearborn, B.L.
18. Nelson Lloyd Deming, Ph.B.
19. Walter Dodge, Ph.B.
20. Fernand Dorbessan
21. Jonathan Dwight, Jr., A.B.
22. Charles Albert Elsberg, A.B.
23. Albert Franklin Fitch, Jr., B.S.
24. Simon Gabriel Frank
25. Joseph Edward Fuld
26. Joshua Brush Gesner, A.B.
27. Ralph Schuyler Goodwin, Jr.,
Ph.B.
28. William James Greanelle, B.S.
29. John De Lafayette Grissim
30. Frederick William Hagney, B.S.
31. John Taylor Halsey
32. Varney Bernard Hamlin
33. Edward William Hanlon
34. Harry Theodore Harding
35. Horace Sedgwick Hart, A.B.,
Ph.B.
36. Roy Harlan Hawkes
37. William Van Valzah Hayes, Ph.B.
38. William Avery Hillard
39. Edward Sterling Hodgskin
40. Frederick Whitcomb Hornick
41. John Jacob Hubschmitt, Ph.G.
42. Max Hühner
43. Harry Hutchinson, A.B.
44. Albert Martin Judd
45. Arthur Matthew Kane, A.M.
46. Edwin Mathews Kitchel
47. Ferdinand Austin Kittinger
48. Louis Theodore Klinker
49. Albert Franz Gottfried Kuehn,
Ph.G.
50. James Ralston Lattimore
51. A. Lincoln Leatherman
52. Alfredo Lizano-y-Ulloa, A.B.
53. Henry Christian Lovis, Ph.G.
54. Herbert Boyd Masten
55. Francis Stuart Mathews, B.S.
56. Henry Smith Mathewson, A.B.
57. Giovanni Merenna
58. Frank Denton Merritt
59. Alfred Edward Meyer
60. David Falkner Monash
61. Francis Patterson Morgan, A.B.
62. John Donaldson Murray
63. Selian Neuhof, B.S.
64. Carl Osterheld
65. Frank Overton, A.B.
66. Samuel Barfield Palmer, A.B.
67. Ransom Joseph Parker
68. Samuel Grey Courtney Pinckney
69. Albert Pittis
70. Charles Clary Rathbone
71. Addison Raynor
72. Joseph Manuel Rector, A.B.
73. John Selden Richardson, A.M.
74. Bernard Samuel Roseneau, A.B.
75. Frederick Fuller Russell
76. Benjamin Jerome Sands, A.B.
77. Henry William Schlesinger, A.B.
78. Isaac Poitevent Sessions
79. Arthur Melville Shrady, A.B.
80. Louis Percy Smith
81. Langdon Trufant Snipe, A.B.
82. Bernard Sour
83. Thomas Bray Spence, A.B.
84. William Barclay Stephens, A.M.
85. Forney Caldwell Stevenson
86. George David Stevenson
87. Frank Crombie Studley, B.S.
88. Benjamin Torrens
89. Paul Haddock Tracy
90. Harvey Clinton Upchurch, A.B.
91. Jefferson Brockner Van Tine

- | | |
|--|------------------------------|
| 92. Cornelius Doremus Van Wag-
enen, A.B. | 98. Robert Watts, Jr., A.B. |
| 93. James Ditmars Vorhees, A.B. | 99. Calvin B. West |
| 94. Arthur Seymour Vosburgh, A.B. | 100. Arthur Charles Wheeler |
| 95. George Washington Vreeland | 101. Rufus Baldwin Whitehead |
| 96. Charles Howard Walker, A.B. | 102. Joseph Wiener, A.B. |
| 97. Bertram Howard Waters, A.B. | 103. Julius Wolff, A.B. |
| | 104. Sidney Yankauer, A.B. |

V. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engi- neer, and Bachelor of Philosophy

DEGREE OF ENGINEER OF MINES

- | | |
|--------------------------|----------------------------|
| 1. Harry Garner Haskell | 5. William Arthur Pomeroy |
| 2. John Elmer Jones | 6. George Austin Schroter |
| 3. Edward Laurence Kurtz | 7. Samuel Clifton Thompson |
| 4. Henry Stewart McKee | 8. Henry Ashe Tilghman |

DEGREE OF CIVIL ENGINEER

- | | |
|---------------------------------|----------------------------|
| 1. Ignacio Ernesto Agramonte | 7. Charles Rufus Harte |
| 2. George William Behrman | 8. Robert Hoyt |
| 3. George Hallett Clark | 9. Alfred Liebmann |
| 4. Reginald Guy Foster | 10. Alexy Joseph Malukoff |
| 5. Luther Elwood Gregory | 11. Arthur Dickson Prince |
| 6. Albert Worthington Hankinson | 12. Francis Adolphe Provot |

DEGREE OF ELECTRICAL ENGINEER

- | | |
|---------------------------|-------------------------------------|
| 1. Milton Church Canfield | 2. Frederick Malling Pederson, B.S. |
| | 3. Francis George Robinson |

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Geology and Palæontology)

William Diller Matthew, A.B.

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Analytical and Applied Chemistry)

- | | |
|--------------------------|----------------------------|
| 1. Frederic Sackett Hyde | 2. Arthur Comings Langmuir |
|--------------------------|----------------------------|

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Architecture)

- | | |
|--------------------------------|-----------------------------------|
| 1. Chester Holmes Aldrich | 7. Valentine Everit Macy |
| 2. William Clark Ayres | 8. Thomas Maria Newton |
| 3. Edward Raymond Bossange | 9. John Calvin Oakes, B.S. |
| 4. William Frederick Brooks | 10. Richard Bayley Post |
| 5. William Simpson Covell | 11. Marcus Tullius Reynolds, A.B. |
| 6. Frederick Thomas Hume, M.D. | 12. Henry Atterbury Smith |
| 13. William Tuttle | |

VI. Conferring of the Degrees of Master of Arts and Doctor of Philosophy

DEGREE OF MASTER OF ARTS

- | | |
|---|-------------------------------------|
| 1. George Louis Beer, A.B. | 10. Joseph Larocque, Jr., A.B. |
| 2. Edward Stelle Brownson, Jr.,
A.B. | 11. Parker Cairns McIlhiney, Ph.B. |
| 3. Ferdinand Ezra M. Bullova, A.B. | 12. James Alexander McLean, A.B. |
| 4. Henry Jagoe Burchell, Jr., A.B. | 13. Harry Necarsulmer, B.S. |
| 5. Allison Emery Drake, A.B. | 14. Benjamin Risley Putnam, B.S. |
| 6. Rodney Lawrence Glisan, A.B.,
LL.B. | 15. James Dennison Rogers, A.B. |
| 7. Alexander Browne Halliday,
A.B. | 16. Dwight Wilcox Taylor, A.B. |
| 8. Leon Hühner, A.B. | 17. Clarence Walton Vail, A.B. |
| 9. Sherman Skinner Jewett, Jr.,
A.B. | 18. Clark Greenwood Voorhees, Ph.B. |
| | 19. Francis Walker, B.S. |
| | 20. Selden Lincoln Whitcomb, A.B. |

DEGREE OF DOCTOR OF PHILOSOPHY

- | | |
|--|---|
| 1. Cortlandt Field Bishop, A.M. | 8. Alfred Bernard Moldenke, A.B. |
| 2. Edwin Mortimer Blake, E.M. | 9. George Clinton Densmore Odell,
A.M. |
| 3. William Bondy, A.M. | 10. William Zebina Ripley, B.S.,
A.M. |
| 4. Joseph Albert Deghuée, Ph.B. | 11. Victor Solomon Rosewater,
A.M. |
| 5. Samuel Whitney Dunscomb, Jr.,
A.M. | 12. Max West, B.S., A.M. |
| 6. Isaac A. Hourwich, A.M. | |
| 7. Thomas Arthur Humason, A.M. | |

VII. Conferring of Honorary Degree

DEGREE OF DOCTOR OF LAWS

IRA REMSEN, PH.D.

Professor in Johns Hopkins University

Waltz

Symposia (Bendix)

ORCHESTRA

VIII. Award of Prize Scholarships and Prizes in the School of Arts

PRIZE SCHOLARSHIPS

Established by the Trustees: annual value, \$100 each: the examinations for these scholarships are upon subjects announced early in the academic year, and are open to all members of the several classes who are in good and regular standing. Successful competitors must receive, in such examination, a mark exceeding ninety per cent., and those entitled to honorable mention must receive at least ninety per cent. of a possible maximum.

Four of the scholarships are offered for competition to members of the freshman class—one in Latin, one in Greek, one in mathematics, and one in rhetoric.

Five are offered for competition to members of the sophomore class—one in Latin, one in Greek, one in mathematics, one in history, and one in chemistry.

Five are offered for competition to members of the junior class—one in Greek, one in Latin, one in logic and English literature, one in mechanics, and one in physics.

HONOR MEN OF THE SENIOR YEAR, CLASS OF 1893.

At the close of the final examination of the year, the head of each department reports to the President the names of those students (not exceeding three in number) who shall have displayed the greatest excellence in his branch of study during the year, and the students thus reported (if proficient in all other branches to which their attendance is due) are deemed *honor men* in that branch.

NEW TESTAMENT GREEK.
John Lovett Rile, Jr.

CLASSIC GREEK.
William Addison Hervey.

GREEK ART.
Frederic Edgar Underhill.

LATIN.
George N. Olcott.
Wilfred Lay.
Sandford Louis Rotter.

ENGLISH I.
George Lawrence Myers.

ENGLISH III.
William Addison Hervey.

ENGLISH IV.
Herbert Treadwell Wade.

ENGLISH VI.
Middleton Smith Borland.

ENGLISH VII.
Leonard Beecher McWhood.

ENGLISH VIII.
Stephen Henry Keating.

ENGLISH IX.
Stephen Henry Keating.

ENGLISH XI.
Stephen Henry Keating.

LITERATURE I.
Stephen Henry Keating.

POLITICAL PHILOSOPHY.
William Robert Shepherd.

GERMAN (FAUST).
William Addison Hervey.

IRANIAN I.
Casper Levias.

FRENCH LITERATURE OF 17TH
CENTURY.
Edward Peale MacMullen.

ITALIAN 2D YEAR.
George N. Olcott.

POLITICAL ECONOMY.
William Robert Shepherd.

CONSTITUTIONAL HISTORY OF
ENGLAND.
Stephen Henry Keating.

CONSTITUTIONAL HISTORY OF
EUROPE AND THE UNITED STATES.
William Robert Shepherd.

ETHICS.
Walter Taylor Marvin.

PRACTICAL ASTRONOMY.
Walter Taylor Marvin.

BOTANY.
Henry Edward Crampton, Jr.

PHYSICS.
Joseph Bijur.
Samuel George Fitzhugh Townsend.
Arthur Charles Kletzsch.

CHEMISTRY.
Leffert Lefferts.
Herbert Treadwell Wade.
Dana Clemmer Wells.

ANATOMY.
Fred Templeton Zabriskie.

EXPERIMENTAL PSYCHOLOGY.
Leonard Beecher McWhood.

HISTORY OF PHILOSOPHY.
Walter Taylor Marvin.

PRIZES

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class.

Given by the Alumni Association of the College : annual value, \$50.

Three candidates selected by the faculty and submitted to the class, who choose one of the three to receive the prize.

EDWARD PEALE MACMULLEN.

CHANLER HISTORICAL PRIZE

Income of a fund of \$1,000, bequeathed by J. Winthrop Chanler, of the class of 1847 ; given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government of America, or some other historical subject assigned by the faculty.

IX. Award of Prizes and Prize Lectureship in the School of Law

PRIZES

COMMITTEE OF AWARD

Henry R. Beckman, Esq., William B. Hornblower, Esq.,
Henry P. Starbuck, Esq.

Three prizes of two hundred and fifty dollars (\$250), one hundred and fifty dollars (\$150), and one hundred dollars (\$100), respectively, are awarded to members of the graduating class, at the close of each academic year, for the best essays upon one or more legal topics. The competition for such prizes is open only to students who have pursued the whole course of study required for the degree of Bachelor of Laws, and who shall be certified by the Faculty to have been diligent in attendance and to have maintained a high degree of scholarship throughout.

First Prize : WILLIAM MASON BENNETT, A.B.

Second Prize : MAX DAVID STEUER.

Third Prize : VICTOR KING MCELHENY, JR., A.B.

PRIZE LECTURESHIP

Founded by the Trustees: three in number, of the annual value of \$500 each; tenable for three years; one awarded each year; appointment made on the recommendation of the faculty from the members of the graduating class who excel in general proficiency and attention to the studies of the course.

CHARLES THADDEUS TERRY, A.B.

X. Award of Prizes and Prize Fellowships in the College of Physicians and Surgeons

HARSEN PRIZES FOR CLINICAL REPORTS

Founded by the late Jacob Harsen, M.D. Three annual prizes, valued respectively at \$150, \$75, and \$25; given, with a bronze medal to each prize winner, for the best reports in writing by students of the College of Physicians and Surgeons, of the clinical instruction given at the New York Hospital during any four consecutive months of the academic year.

HARSEN PRIZES FOR PROFICIENCY AT EXAMINATION

Three prizes, valued respectively at \$500, \$300, and \$200. Awarded to the most meritorious competitors at examinations consisting of:

1. Examination in writing covering all the seven branches of medical teaching.
2. Examination upon the cadaver in practical anatomy.
3. Practical examinations in clinical medicine and clinical surgery conducted at the hospitals.

The competitors are the most proficient ten candidates for the degree of Doctor of Medicine, all of whom receive

EXAMINATION HONORS

Each of the ten Honor Men, who does not obtain a higher prize, receives a Harsen Prize of \$25.

CARTWRIGHT PRIZE OF THE ALUMNI ASSOCIATION

A biennial prize of \$500, open to universal competition, and awarded to the best medical essay containing the results of original investigation made by the writer upon any subject that he may select.

JOSEPH MATHER SMITH PRIZE

Founded as a memorial of the late Professor Smith. Annual prize of \$100 for the best essay on the subject of the year (this year on any subject relating

to hygiene, pathology, or practical medicine) presented by an alumnus of the College of Physicians and Surgeons.

FELLOWSHIPS OF THE ALUMNI ASSOCIATION

Three fellowships, provision for which is made annually by the Alumni Association, are open to graduates of the College of Physicians and Surgeons who have shown special aptitude for scientific research in the departments of anatomy, physiology, or pathology. They are to be held for a period of two years, and have an annual value of five hundred dollars each. The appointments are made by the Executive Committee of the Alumni Association from candidates presented by the professor of anatomy, the professor of physiology, and the director of the pathological laboratory.

Awarded in 1892 to

F. J. BROCKWAY, M.D.,
ALEXANDER LAMBERT, M.D.,
WILLIAM H. PARK, M.D.

XI. Award of Fellowships in the School of Mines

JOHN TYNDALL FELLOWSHIP

For the encouragement of research in physics.

Income of a fund of \$10,800, given by Professor John Tyndall, of London, for the encouragement of scientific research. Awarded annually to a graduate of, or a student in, some department of Columbia College, who shall devote himself faithfully to the investigation of some subject in physical science.

CHARLES RIBORG MANN, A.M.

McKIM FELLOWSHIPS IN ARCHITECTURE

Founded by Charles F. McKim, Esq., of New York; two of \$1,000 each; to be devoted to foreign study and travel by the successful candidates. Open for competition every two years to all graduates in architecture of the School of Mines, less than thirty years of age.

GEORGE OAKLEY TOTTEN, Jr., A.M.
Class of 1891

WILLIAM LINCOLN THORNE, Ph.B.
Class of 1890

Honorable Mention

FREDERICK STERLING KEELER, Ph.B.
Class of 1891

XII. Award of Prizes and Prize Fellowships in the School of Political Science

PRIZE KNOWN AS THE BROOKLYN CIVIL-SERVICE REFORM PRIZE FOR 1893

Prize of \$100; offered by Mr. William G. Low for the best essay on: The History and Progress of Civil-Service Reform in the National, State, and Local Governments of the United States.

Competition open to all members of the university. The essay must not be less than 15,000 words in length. The committee to examine the essay consists of the Dean of the Faculty of Political Science, the Professor of Administrative Law, and a person to be appointed by the Civil-Service Reform Association of Brooklyn.

PRIZE IN POLITICAL ECONOMY

Annual prize of \$150 for the best essay on some subject in political economy. The essay must not be less than 20,000 words in length. Founded by Professor Edwin R. A. Seligman, and open to all members of the School of Political Science.

PRIZE FELLOWSHIPS

Annual value, \$250. Founded by Jesse Seligman, Esq., and awarded by the faculty to students who are candidates for the degree of Doctor of Philosophy.

BENJAMIN F. SHAMBAUGH, A.U.
ROELIFF MORTON BRECKENRIDGE, A.M.

NOTE. Prizes have been awarded at BARNARD COLLEGE as follows:

KOHN MATHEMATICAL PRIZE

Prize of \$50; awarded annually to that member of the graduating class who has shown the highest degree of proficiency in the courses in pure mathematics for the year.

LAURA GRACE LEVY.

HERMANN BOTANICAL SCHOLARSHIP

Value \$50; awarded annually to that student in the botanical department who, in the opinion of the Academic Committee, is the most worthy to receive it.

ANNA STOCKTON PETTIT.

XIII. Award of University Fellowships

Twenty-four University Fellowships have been established by the Trustees, tenable for one year, with a possibility of reappointment for reasons of weight.

The candidate must give evidence

(a) of a liberal education, such as a diploma already granted, or about to be received, from a college or scientific school of good repute ;

(b) of decided fitness for a special line of study, such as an example of some scientific or literary work already performed ;

(c) of upright character, such as a testimonial from some instructor.

The value of each fellowship is five hundred dollars.

George Hume Batchelor, A.B., Indiana University, 1892.	Subject, Finance.
L. G. Bugbee, A.B., University of Texas, 1892.	" History.
Henry Jagoe Burchell, Jr., A.B., Columbia College, 1892.	" Latin.
Charles Ernest Chadsey, A.B., Leland Stanford Junior University, 1892.	" Finance and History.
Herman Stearns Davis, A.B., Princeton, 1892.	" Astronomy.
Allison Emery Drake, A.B., St. Xavier College, Cincinnati, 1886.	" Anglo-Saxon.
Henry Crosby Emery, A.B., Bowdoin College, 1892.	" Social Science.
W. J. Hannah, A.B., University of Indiana, 1892.	" Social Science.
Harwood Huntington, A.B., Trinity College, 1884.	" Chemistry.
Caspar Levias, Columbia College, 1893.	" Oriental Languages.
George H. Ling, University of Toronto, 1893.	" Mathematics.
James Alexander McLean, A.B., University College, Toronto, 1892.	" Comparative Jurisprudence.
Albert Prescott Mathews, B.S., Massachusetts Institute of Tech- nology, 1892.	" Biology.
William Diller Matthew, Columbia College, 1893.	" Geology.
Robert Andrews Millikan, A.B., Oberlin College, 1891.	" Physics.
Heinrich Ries, Ph.B., Columbia College, 1892.	" Mineralogy.
James Dennison Rogers, A.B., Hamilton College, 1889.	" Greek.
Stuart Henry Rowe, A.B., Yale College, 1890.	" Pedagogy.

William Robert Shepherd, Columbia College, 1893.	Subject: History.
Arthur Beamen Simonds, A.B., Harvard University, 1891.	“ Romance Languages.
John Kunkel Small, A.B., Franklin and Marshall College, 1892.	“ Botany.
Francis Walker, B.S., Massachusetts Institute of Tech- nology, 1892.	“ Economics.
Selden Lincoln Whitcomb, A.B., Iowa College, 1887.	“ Literature.
Asa Wynkoop, A.B., Rutgers College, 1887.	“ Philosophy.

Selection

Fencing Master (de Koven)

ORCHESTRA

XIV. Address by President Low

XV. Benediction By the Chaplain of the College

Selection

College Airs

ORCHESTRA

COMMITTEE OF ARRANGEMENTS

FRED TEMPLETON ZABRISKIE, Chairman,
JOHN D. GRISSIM, Grand Marshal.

SCHOOL OF ARTS

FRED TEMPLETON ZABRISKIE, Chairman,
PETER GRANT CORNELL,
HERBERT TREADWELL WADE.

SCHOOL OF LAW

FRANK BARKER, Chairman,
WILLIAM KLINGENSTEIN,
THOMAS P. MCKENNA.

COLLEGE OF PHYSICIANS AND SURGEONS

WILLIAM BARCLAY STEPHENS, Chairman,
JOHN D. GRISSIM,
HENRY CHRISTIAN LOVIS.

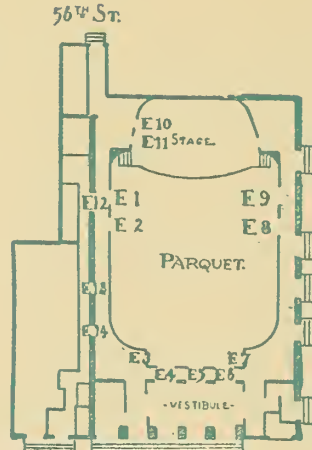
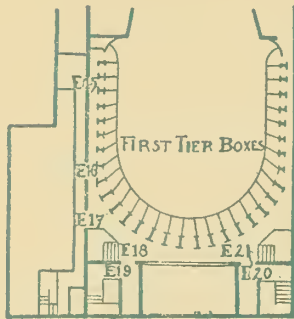
SCHOOL OF MINES

EDWARD R. BOSSANGE, Chair-
man,
GEORGE H. CLARK,
J. ELMER JONES.

MUSICAL DIRECTOR

J. M. LANDER

"MUSIC HALL"
57TH ST. AND 7TH AVE.
DIAGRAM OF EXITS.



7TH AVENUE.

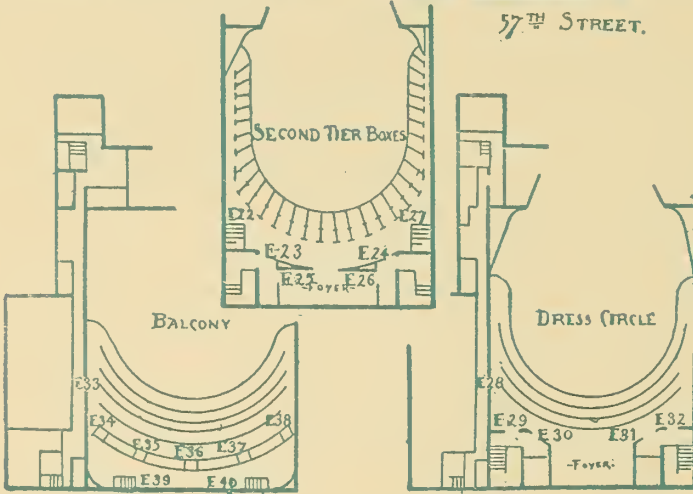
- PARQUET.
Exits 1, 2, 3, 7, 8, 9
 To Corridor
 " 4, 5, 6
 To Main Vestibule
 " 10, 11
 To 56th Street
 " 12, 13, 14
 To 57th Street

- FIRST TIER BOXES.
Exits 15, 16, 17
 To 57th Street
 " 18, 21
 To Parquet Corridor
Exit 19, To Main Vestibule
 and 57th Street
 " 20, To Main Vestibule
 and 7th Avenue

- SECOND TIER BOXES.
Exits 22, 27
 To Parquet Corridor
 " 23, 25
 To Main Vestibule
 and 57th Street
 " 24, 26
 To Main Vestibule
 and 7th Avenue

- DRESS CIRCLE.
Exit 28,
 To 56th and 57th Streets
Exits 29, 30
 To Main Vestibule
 and 57th Street
 " 31, 32
 To Main Vestibule
 and 7th Avenue

- BALCONY.
Exit 33
 To 56th and 57th Streets
Exits 34, 35, 36, 37, 38, 39, 40
 To Main Vestibule, 57th
 Street and 7th Avenue



Note. All Exits are marked E.



Columbia College
in the City of New York

ONE HUNDRED AND FORTIETH

ANNUAL COMMENCEMENT

JUNE 13, 1894

Gift
The University
25 My 1906

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Order of Exercises

Overture

Die Felsenmühle (Reissiger)

ORCHESTRA

Carmen (Bizet)

ORCHESTRA

March

Le Prophète (Meyerbeer)

ORCHESTRA

I. Prayer

By the Chaplain of the College

Passe Pied

Entre-Acte Gavotte (Gillet)

ORCHESTRA

II. Conferring of the Degree of Bachelor of Arts

1. David D. Ackerman
2. Paul Armitage
3. Lawrence Atterbury
4. William Hayden Baker
5. John Philip Benkard
6. James Fuller Berry
7. Francis Hill Bowman

8. Charles Joseph Breck, Jr.
9. Francis Tillon Buck
10. Russell Ely Burke
11. Spencer Carleton
12. George Stanislaus Connell
13. Harold Coburn Cook
14. Walter Wheeler Cook

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| 15. Eugene Howell Daly | 36. George Mitchell Parker |
| 16. Horace Dowie | 37. Warren Waverly Phelan |
| 17. Harold Sharpe Emerson | 38. Albert Capron Phillips |
| 18. Shepherd Ivory Franz | 39. Theodore Irving Reese |
| 19. Joseph Peter Grace | 40. Winfred Chesney Rhoades |
| 20. Otto Theodore Hess | 41. Harry Pelham Robbins |
| 21. Philip Redington Mudge Hil-
dreth | 42. Milton Stanley Roth |
| 22. James Cox Howell | 43. Edward Sandford |
| 23. Ernest Valentine Hubbard | 44. George Reese Satterlee |
| 24. David Stewart Iglehart | 45. Oscar Roland Seitz |
| 25. Meir Jaffa | 46. Harry Judson Shaw |
| 26. Herbert McLeod Johnston | 47. William West Shaw |
| 27. Shepherd Knapp, Jr. | 48. John Dempster Sherman, Jr. |
| 28. Horatio Sheafe Krans | 49. Henry Merwin Shrady |
| 29. Medwin Leale | 50. Clarence Bishop Smith |
| 30. Prescott Le Breton | 51. Charles R. Swords |
| 31. Walter Henry Liebmann | 52. Guy Hanford Turrell |
| 32. Campbell Erie Locke | 53. Henry Ayres Uterhart |
| 33. Frederic Ludlow Luqueer | 54. George John Wardenburg |
| 34. William Jeremiah Millard | 55. Edwin Dunning Weed |
| 35. Frederick Felix Neuman | 56. Arthur Donald Williams |
| | 57. Louis William Wormser |
| | 58. Frederick Amaziah Wright |

From BARNARD COLLEGE

- | | |
|----------------------------------|---------------------|
| 1. Evangeline Rollinson Bridgart | 4. Estella Demarest |
| 2. Ella Fitz-Gerald Bryson | 5. Agnes Irwin |
| 3. Helen Brigham Crocker | 6. Eliza Jane Jones |
| | 7. Laura Landau |

III. Conferring of the Degrees of Bachelor of Laws and Master of Laws

DEGREE OF BACHELOR OF LAWS

- | | |
|---|---------------------------------|
| 1. Edwin Galloway Adams | 7. Malcolm John Cameron, A.B. |
| 2. Nestor A. Alexander | 8. William Carl, A.B., A.M. |
| 3. DeWitt Bailey, A.B., A.M. | 9. Thomas Ayres Church, A.B. |
| 4. David Bandler, A.B. | 10. Harry Jansen Crawford |
| 5. Robert Chetwood Beatty | 11. Frank Ayer Dillingham, A.B. |
| 6. Cortlandt Field Bishop, A.M.,
Ph.D. | 12. Charles Nelson Dohs |
| | 13. Edward Darwin Edson, B.S. |

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|--|-------------------------------------|
| 14. Alex. L. Figge | 40. Charles King Morrison, A.B. |
| 15. Herschel Luther Gardner, A.B. | 41. Frederick W. Mount |
| 16. Edward L. Godfrey, A.B. | 42. Thomas E. Munday |
| 17. George Tarleton Goldthwaite,
A.B. | 43. Hart Momsen |
| 18. Lawrence George Goodhart | 44. Henry Necarsulmer, B.S., A.M. |
| 19. Alexander Browne Halliday,
A.B. | 45. Henry James Nichols, A.B. |
| 20. Theodore Hansen, A.B. | 46. George P. Norton |
| 21. Eugene H. Healey, A.B. | 47. Benjamin Oppenheim |
| 22. Reuben A. Heller | 48. Louis Oppenheim |
| 23. Herman A. Heydt, Ph.B. | 49. James Alfred Parker, A.B. |
| 24. John Sprunt Hill, Ph.B. | 50. Terry Parker |
| 25. Christian Glaser Hüpfel | 51. Edward T. Paul |
| 26. Benjamin J. Jarrett | 52. Waldron Kintzing Post, A.B. |
| 27. Sherman Skinner Jewett, 2d, A.B. | 53. Edward Ormonde Power |
| 28. Dudley Kinsell | 54. Edward Stephen Rawson, A.B. |
| 29. C. Frank Kireker, Jr. | 55. Benjamin Reass |
| 30. Benjamin F. Kraft | 56. Harry Raymond Richards |
| 31. Richard Krause | 57. Allan Gold Robinson, A.B. |
| 32. Joseph Larocque, Jr., A.M. | 58. Alfred L. Ross |
| 33. Harry Learned | 59. Harold Eldredge Spencer |
| 34. James Parrish Lee, A.B. | 60. Solomon Marcuse Stroock, B.S. |
| 35. John Baldwin McGrew | 61. Henry Richmond Taylor, A.B. |
| 36. Charles Capron Marsh, A.B. | 62. Robert Van Iderstine |
| 37. Frederick Wallace Mattocks | 63. Harold Garrison Villard, A.B. |
| 38. S. Stanwood Menken, B.L. | 64. William Bell Wait, Jr. |
| 39. Edward Calvin Moën, A.B. | 65. John Metcalfe Ward |
| | 66. Muir Weissinger |
| | 67. Henry Wendt |
| | 68. Grenville Bayard Winthrop, A.M. |

DEGREE OF MASTER OF LAWS

Ralph Wesley Hyatt, LL.B.

IV. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

JAMES W. McLANE, M.D.

Dean of the College of Physicians and Surgeons

- | | |
|---------------------------|--------------------------------|
| 1. Isador Abrahamson | 3. Maxwell H. Allen |
| 2. John Frank Waite Allen | 4. Samuel Willis Bandler, A.B. |

5. Charles Bartow, A.B.
6. Albert Ashton Berg, A.B.
7. Frederick Bleil, A.B.
8. Harry Merritt Bradley, B.S.
9. Arthur Richard Bräunlich, Ph.G.
10. Augustus Homer Brown, A.M.
11. Edward Wells Brown
12. Joseph Douglas Brown, Ph.B.
13. Clarence Whitfield Buckmaster
14. William Edward Buist
15. Charles Vincent Burke
16. Edward Michael Burns, B.S.
17. Edward Ward Burns
18. John Andrew Calnane
19. Marcus Lerane Clawson
20. Seth Cook Comstock
21. Frank Elihu Crosier, A.B.
22. Nicholas Robert Dann, A.B.
23. Henderson Brooke Deady
24. Edward Francis Denner, A.M.
25. Joseph Aloysius Dillon, B.S.
26. William Willcox Dunn
27. George Thomas Dutcher
28. Edward Bronson Finch, A.B.
29. William Young Finch
30. Parnell Ellis Fisher, A.B.
31. Paul Fitz-Gerald, A.B.
32. Clyde Sinclair Ford, B.S.
33. Henry Robert Gledhill, A.B.
34. James Patrick Glynn, A.M.
35. Charles Howard Goodrich
36. Howard Jerome Goodrich
37. William Munson Goodwin
38. Dupree Meriweather Hall, A.B.
39. David Joseph Hamburg, B.S.
40. Hugh Macdougall Hart
41. Eugene Howe Hartnett, B.S.
42. Edwin Pelton Hayward
43. George Philip Heard, A.B.
44. Joseph Henschel, A.B.
45. Edward Franklin Horr, A.B.
46. Hampton Pierson Howell, A.B.
47. Carl Adolph Huber
48. Clarence Edward Ide
49. Schuyler Clinton Jaques
50. Seymour Tilford Jarecki
51. David Stuart Dodge Jessup, A.B.
52. Philip Edwards Johnson, A.B.
53. Joseph Chaim Josephson, A.B.
54. Frederick Conrad Keller
55. Edward Cumberland Kershner, A.B.
56. Edward Stephen Kiley, A.B.
57. Ephraim Daniels Klotz
58. Geza Kremer
59. Linnaeus Edford La Fetra, A.B.
60. William Watson Laing
61. George Ludwig Laporte, Jr.
62. John Henry Larkin, A.B.
63. Frederick William Lester
64. John Oscar Lewright, M.D.
65. Reginald Joseph Moss Lewis
66. Emmanuel Libman, A.B.
67. William Popper Loth
68. George Davis Lowry, A.B.
69. William Henry Lockett
70. Arthur Lee Macken
71. Albert David Mayer
72. George Eldredge McClellan, Ph.B.
73. John Butler McCook, B.S.
74. Joseph Mac McMillan
75. Elwood Stokes Morton
76. Joseph Paul Murphy, B.S.
77. Francis James Murray
78. Thomas Francis Mylod
79. Nathaniel Read Norton, Ph.B.
80. Frank Richard Oastler, A.B.
81. Charles Henry Francis O'Neill, A.B.
82. Albert Oppenheim
83. John Joseph O'Sullivan, A.B.
84. Gist Palmer, B.S.
85. Henry Russell Pemberton, A.M., B.S.
86. James Jones Philips, A.B.
87. Joseph Egbert Pollard
88. Daniel Warren Poor, Jr., A.B.

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|-----------------------------------|---|
| 89. Otto Emil Prellwitz, A.B. | 105. Albert Earl Sumner, A.B. |
| 90. Paul Peter Prendergast | 106. Martin John Synnott |
| 91. John Henry Reb | 107. Stephen Livingston Taylor,
A.B. |
| 92. Michael Placzek Rich | 108. William Henry Theban, A.B. |
| 93. Robert Hastings Rogers | 109. Carl Theobald, B.S. |
| 94. Eugene Boutelle Sanger, Ph.B. | 110. Samuel Wood Thurber, B.S. |
| 95. William Charles Schoenijahn | 111. Charles Henry Trowbridge |
| 96. Heyward Scudder, A.B. | 112. Herman Gustave Wahlig |
| 97. Ludwig Silverman Simon, Ph.B. | 113. Freeman Ford Ward |
| 98. Alfred Keene Smith, Ph.G. | 114. William Edmund Weber, A.B. |
| 99. John Bentley Squier, Jr. | 115. Horace J. Whitacre, B.S. |
| 100. William Steinach, A.B. | 116. Wallace White. |
| 101. Solomon Steiner | 117. Augustus Aloysius Wolff |
| 102. Moses Ashby Stivers | 118. Francis Carter Wood, B.S. |
| 103. Casper Stock, B.S. | 119. George Hermann Wright, A.B. |
| 104. John Francis Sullivan, A.B. | |
| | 120. Charles Bellamy Young |

V. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engi- neer, and Bachelor of Philosophy

DEGREE OF ENGINEER OF MINES

- | | |
|----------------------------------|------------------------------------|
| 1. Paul Fuentes | 3. Harris Kennedy Masters |
| 2. Frank Chandler Hamilton, A.M. | 4. Edward Danforth Self, Mech.Eng. |
| | 5. William Young Westervelt |

DEGREE OF CIVIL ENGINEER

- | | |
|-------------------------------|-------------------------------|
| 1. Adolph Black | 8. Edward Marwedel Jones |
| 2. Francis Albertson Cokefair | 9. Edward William Libaire |
| 3. Edward Pell Folger | 10. Edwin Henry Messiter |
| 4. David Joy Greene | 11. Harold Ashton Parsons |
| 5. Edward Francis Haas, B.S. | 12. Charles Depew Searle |
| 6. Richard Cochran Hanson | 13. Gerald Fitzgerald Sherman |
| 7. Meyer Joffe | 14. Wilson Fitch Smith |
| | 15. William Dunham Vanderbilt |

DEGREE OF ELECTRICAL ENGINEER

1. Aron Wright Chapman, A.B.
2. Leroy Clark, Jr.
3. Harry Dubois Frisbee
4. George Kemp Mears
5. Mariano Luis Mora, C.E.
6. Milbourne Munroe
7. Max Osterberg
8. John Lloyd Prince
9. John Clifford Rennard, A.B.
10. Charles Tomlinson Rittenhouse,
Mech. Eng.
11. Alexander Stratton, B.S.
12. Lewis Herbert Vail

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Geology and Palæontology)

Theodore Greely White

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Analytical and Applied Chemistry)

1. Marston Taylor Bogert, A.B.
2. Thomas Lonsdale Leeming, Jr.
3. Rudolph Seldner
4. George Francis Tennille
5. Henry Vincent Walker

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Architecture)

1. Joseph Bartlett Acken
2. Henry George Emery
3. William Kinne Fellows
4. Harry Allan Jacobs
5. Julius Charles Kastner
6. Charles Ransom McNeil
7. Benjamin Wistar Morris, Jr.
8. Kenneth Mackenzie Murchison,
Jr.
9. John Russell Pope
10. Joseph Lauferty Steinam
11. William Noyes Taintor
12. John Almy Tompkins, 2d
13. Jules Joseph Vatable
14. Franklin Backus Ware

VI. Conferring of the Degrees of Master of Arts and Doctor of Philosophy

DEGREE OF MASTER OF ARTS

1. Robert Archibald Ashworth, A.B.
2. George Hume Batchelor, A.B.
3. Ludwig Bernstein
4. Solomon Charles Bernstein, B.S.
5. Joseph Edmond Bullen, A.B.
6. Malcolm John Cameron, A.B.

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| 7. Olaf Zacharias Cervin, B.S. | 20. S. Stanwood Menken, B.L. |
| 8. Charles Ernest Chadsey, A.B.,
A.M. | 21. Nathan Ottinger, B.S. |
| 9. Alfred Arthur Cook, B.S. | 22. Anna Stockton Pettit, B.S. |
| 10. James Walton Cooper, A.B. | 23. Charles Louis Pollard, A.B. |
| 11. Harry Alonzo Cushing, A.B. | 24. Edward Stephen Rawson, A.B. |
| 12. Herman Stearns Davis, A.B. | 25. Raymond Reubenstein, A.B. |
| 13. Harrison Gray Dyar, B.S. | 26. Heinrich Ries, Ph.B. |
| 14. Christopher Robert Hamlin,
A.B. | 27. Emma Goodeve Sebring, A.B. |
| 15. Emanuel Hertz, A.B. | 28. William Robert Shepherd, A.B. |
| 16. William Addison Hervey, A.B. | 29. Robert William Thompson, Jr.,
A.B. |
| 17. Arthur Knox, A.B. | 30. Sidney Hubbell Treat, A.B. |
| 18. George Herbert Ling, A.B. | 31. Lemuel Whitaker, A.B., <i>speciali</i>
<i>gratia</i> |
| 19. William Diller Matthew, A.B.,
Ph.B. | 32. Joseph Center Wight, A.B. |

DEGREE OF DOCTOR OF PHILOSOPHY

- | | |
|--|---|
| 1. Charles Sears Baldwin, A.M. | 10. Charles Francis McKenna, Ph.B. |
| 2. Frederic Rene Coudert, Jr., A.M. | 11. James Alexander McLean, A.B.,
A.M. |
| 3. William Julius Eckoff, Pd.D. | 12. Edmund Howd Miller, Ph.B.,
A.M. |
| 4. Edward Bonaparte Gosling, E.M. | 13. Lucius Pitkin, Ph.B. |
| 5. Joseph Herman Hertz, A.B. | 14. James Dennison Rogers, A.M. |
| 6. William Dodge Horne, Ph.B. | 15. Frank Vanderpoel, E.M. |
| 7. Harwood Huntington, A.B. | 16. Norman Wilde, A.M. |
| 8. Lea McIlvaine Luquer, C.E. | 17. Frederick Augustus Wood, A.B. |
| 9. Parker Cairns McIlhiney, Ph.B.,
A.M. | |

VII. Conferring of Honorary Degrees

DEGREE OF DOCTOR OF LAWS

GEORGE WILLIAM HILL, Sc.D. (Cantab.)

Mathematician ; Associate Royal Ast. Society, London ; Member of National Academy of Sciences.

EMILE HENRY LACOMBE,

Class of 1863,

Jurist ; Judge U. S. Circuit Court for the Second Circuit.

NIKOLA TESLA,

Electrician.

DEGREE OF MASTER OF ARTS

LONDON CARTER GRAY, M.D.,

Formerly of the Class of 1869.

DEGREE OF BACHELOR OF ARTS

JOHN HONE, Jr.,

Formerly of the Class of 1865.

Waltz

Märchen aus dem Orient (Strauss)

ORCHESTRA

VIII. Award of Final Honors and Prizes in
the School of Arts

FINAL HONORS, CLASS OF 1894

Final Honors are awarded in classics, modern languages, English, mathematics, physics and chemistry, biology and botany, history, political economy, and in philosophy.

Candidates for Final Honors in classics, modern languages, English, mathematics, physics and chemistry, biology and botany, history, political economy, and philosophy, respectively, must either have gained Junior Honors in the same subject; or have taken the courses and received the grade necessary to qualify them to compete for Junior Honors therein; or have been reported in Grade A in all of the courses taken during Senior year in the department in which application for Honors is made.

PRIZES

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class.

Given by the Alumni Association of the College: annual value, \$50.

Three candidates selected by the Faculty and submitted to the class, who choose one of the three to receive the prize.

FREDERIC LUDLOW LUQUEER

CHANLER HISTORICAL PRIZE

Income of a fund of \$1000, bequeathed by J. Winthrop Chanler, of the class of 1847; given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government of America, or some other historical subject assigned by the Faculty.

WALTER H. LIEBMANN

THE SOCIETY'S ENGLISH SEMINARY PRIZE OF TWENTY DOLLARS

Founded November, 1851, by the Rev. Dr. John McVickar, through the Society for Promoting Religion and Learning, to be annually competed for among such members of the graduating class as shall have given in their names to the President, at least one month previous to such competition, as candidates for the General Theological Seminary of the Protestant Episcopal Church, and to consist in the production of an essay (to be publicly read or not, as the President may determine), of the ordinary length of a pulpit discourse on some subject connected with the course of evidences on which the class has been engaged; such subject to be selected by the professor of the evidences and given out by him at the time of notice; and the prize to be adjudged, as before, by the President and the professor of that branch; such decision to have respect to—

- a.* The general ability and soundness of the essay;
- b.* Its logical and demonstrative form; and
- c.* The pure Saxon style and idiom in which it is written.

Awarded in 1891, but not announced at that time, to

ROBERT BOOTMAN KIMBER

IX. Award of Prizes and Prize Lectureship in the School of Law

PRIZES

COMMITTEE OF AWARD

Daniel G. Rollins, Esq., James L. Bishop, Esq.,
John B. Whiting, Esq.

Three prizes of two hundred and fifty dollars (\$250), one hundred and fifty dollars (\$150), and one hundred dollars (\$100), respectively, are awarded to members of the graduating class, at the close of each academic year, for the best essays upon one or more legal topics. The competition for such

prizes is open only to students who have pursued the whole course of study required for the degree of Bachelor of Laws, and who shall be certified by the Faculty to have been diligent in attendance and to have maintained a high degree of scholarship throughout.

First Prize : GRENVILLE BAYARD WINTHROP, A.M.

Second Prize : HENRY NECARSULMER, A.M.

Third Prize : S. STANWOOD MENKEN, B.L.

TOPPAN PRIZE

A prize of one hundred and fifty dollars, known as the Robert N. Toppan prize, is awarded annually to the member of the graduating class passing the best written examination upon a paper prepared by the professor in charge of the department of Constitutional Law.

SOLOMON MARCUSE STROOCK, A.M.

PRIZE LECTURESHIP

Founded by the Trustees: three in number, of the annual value of \$500 each; tenable for three years; one awarded each year; appointment made on the recommendation of the Faculty from the members of the graduating class who excel in general proficiency and attention to the studies of the course.

DAVID BANDLER, A.B.

X. Award of Prizes and Fellowships in the College of Physicians and Surgeons

HARSEN PRIZES FOR CLINICAL REPORTS

Founded by the late Jacob Harsen, M.D. Three annual prizes, valued respectively at \$150, \$75, and \$25; given, with a bronze medal to each prize winner, for the best reports in writing by students of the College of Physicians and Surgeons, of the clinical instruction given at the New York Hospital during any four consecutive months of the academic year.

HARSEN PRIZES FOR PROFICIENCY AT EXAMINATION

Three prizes, valued respectively at \$500, \$300, and \$200. Awarded to the most meritorious competitors at examinations consisting of:

1. Examination in writing covering all the seven branches of medical teaching.
2. Examination upon the cadaver in practical anatomy.

3. Practical examinations in clinical medicine and clinical surgery conducted at the hospitals.

The competitors are the most proficient ten candidates for the degree of Doctor of Medicine, all of whom receive

EXAMINATION HONORS

Each of the ten Honor Men, who does not obtain a higher prize, receives a Harsen Prize of \$25.

ALUMNI ASSOCIATION PRIZE

This is a biennial prize of five hundred dollars open for competition to the alumni of the college. It is awarded for the best medical essay submitted upon any subject the writer may select, and is open to competition in alternate years with the Cartwright prize.

JOSEPH MATHER SMITH PRIZE

Founded as a memorial of the late Professor Smith. Annual prize of \$100 for the best essay on the subject of the year (this year any subject relating to hygiene, pathology, or practical medicine) presented by an alumnus of the College of Physicians and Surgeons.

STEVENS TRIENNIAL PRIZE

Established by the late Alexander Hodgdon Stevens, M.D., formerly president of the Medical School, on the following plan:

The prize, awarded triennially, consists of the interest yielded by the principal fund during three years, and amounts to two hundred dollars.

This prize will be given to the best medical essay submitted, upon any subject the writer may select.

FELLOWSHIPS OF THE ALUMNI ASSOCIATION

Three fellowships, provision for which is made annually by the Alumni Association, are open to graduates of the College of Physicians and Surgeons who have shown special aptitude for scientific research in the departments of anatomy, physiology, or pathology. They are to be held for a period of two years, and have an annual value of five hundred dollars each. The appointments are made by the Executive Committee of the Alumni Association from candidates presented by the professor of anatomy, the professor of physiology, and the director of the pathological laboratory.

In Anatomy: F. J. BROCKWAY, M.D.

In Physiology: R. J. CUNNINGHAM, M.D.

In Pathology: W. S. STONE, M.D.

ALONZO CLARK SCHOLARSHIP

For the purpose of promoting the discovery of facts in medical science.
Annual value about nine hundred dollars.

IRA T. VAN GIESON, M.D.

Reappointed for a period of three years beginning October 1, 1894.

XI. Award of Fellowship in the School of Mines

COLUMBIA FELLOWSHIP IN ARCHITECTURE

Founded by the Trustees in recognition of the liberality to this department of Mr. F. A. Schermerhorn; one of \$1300; to be devoted to foreign study and travel by the successful candidate. Open for competition every two years to all graduates in architecture of the School of Mines, less than thirty years of age.

SETH JUSTIN TEMPLE, Ph.B.

Class of 1892.

Honorable Mentions

WILLIAM SHEPHERD LOWNDES, Ph.B.

Class of 1890.

EDOUARD RAYMOND BOSSANGE, Ph.B.

WILLIAM SIMPSON COVELL, Ph.B.

THOMAS MARIA NEWTON, Ph.B.

Class of 1893.

XII. Award of Prizes and Fellowship in the School of Political Science

JAMES GORDON BENNETT PRIZE IN POLITICAL SCIENCE

Annual Prize of \$50 for the best essay in English Prose upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. Founded by James Gordon Bennett, and open to Seniors in the School of Arts and other candidates for the baccalaureate degree in arts, letters, or philosophy, provided they take courses amounting to six hours a week in the School of Political Science. Subject for 1894:

The Monetary Policy of the United States since 1870, with special reference to the question of a standard of value.

ALBERT C. PHILLIPS

PRIZE KNOWN AS THE SEPARATE MUNICIPAL ELECTION
PRIZE FOR 1894

Prize of \$100: offered by Messrs. W. Harris Roome and A. C. Bernheim
for the best essay on :

SEPARATE MUNICIPAL ELECTIONS IN NEW YORK CITY

Competition open to all members of the university. The essay must not
be less than 10,000 words in length. The committee to examine the essay
consists of the Dean of the Faculty of Political Science, the Professor of
Administrative Law, and a person appointed by the City Club of New York.

RAYMOND REUBENSTEIN, A.B.

SELIGMAN FELLOWSHIP

Annual value, \$250. Founded by Jesse Seligman, Esq., and awarded by
the Faculty to a student who is a candidate for the degree of Doctor of
Philosophy.

GEORGE C. SIKES, A.M.

NOTE. A scholarship has been awarded at BARNARD COLLEGE as follows :

HERMANN BOTANICAL SCHOLARSHIP

Value \$50; awarded annually to that student in the botanical depart-
ment who, in the opinion of the Academic Committee, is the most worthy to
receive it.

ANNA STOCKTON PETTIT, B.S.

XIII. Award of University Fellowships

Twenty-four University Fellowships have been established by the Trus-
tees, tenable for one year, with a possibility of reappointment for reasons of
weight.

The candidate must give evidence

- (a) of a liberal education, such as a diploma already granted, or about
to be received, from a college or scientific school of good repute ;
- (b) of decided fitness for a special line of study, such as an example
of some scientific or literary work already performed ;
- (c) of upright character, such as a testimonial from some instructor.

The value of each fellowship is five hundred dollars.

Francis Burke Brandt.

A.B., Harvard University, 1892. Subject, Philosophy.

Lester Gladstone Bugbee,

B.L., University of Texas, 1892 ; A.M.

1893.

“ History.

James Walter Crook,

A.B., Oberlin College, 1891.

“ Economics.

John Franklin Crowell, A.B., Yale University, 1893.	Subject, Sociology.
Harry Alonzo Cushing, A.B., Amherst College, 1891.	" History.
Herman Stearns Davis, A.B., Princeton College, 1892.	" Astronomy.
Arthur Cleveland Hall, A.B., Trinity College, 1888; A.M., 1893.	" Sociology.
Matthew Brown Hammond, Ph.B., University of Michigan, 1891.	" Finance.
William Addison Hervey, A.B., Columbia College, 1893.	" Germanic Languages.
Judah Joffe, A.B., Columbia College, 1893.	" Comparative Philology.
Herbert McLeod Johnson, Candidate for A.B., Columbia College, 1894.	" Literature.
Wilfrid Lay, A.B., Columbia College, 1893.	" Philosophy.
George Herbert Ling, A.B., University of Toronto, 1893.	" Mathematics.
Isidor Loeb, B.S., University of Missouri, 1887; M.S. and LL.B., 1893.	" Jurisprudence.
Frederic Ludlow Luqueer, Candidate for A.B., Columbia College, 1894.	" Education.
William Diller Matthew, A.B., University of New Brunswick (Canada), 1889; Ph.B. Columbia Col- lege, 1893.	" Geology.
Albert Prescott Matthews, B.S., Massachusetts Institute of Tech- nology, 1892.	" Biology.
Samuel Paul Mueller, Testimonium Maturitatis, Karl May Gymnasium, St. Petersburg (Russia), 1878.	" Romance Languages.
George N. Olcott, A.B., Columbia College, 1893.	" Latin.
Heinrich Ries, Ph.B., Columbia College, 1892.	" Mineralogy.
Charles F. Rittenhouse, M.E., Stevens Institute, 1893.	" Electricity.
Albert Schneider, Candidate for B.S., University of Illi- nois, 1894.	" Botany.
William Robert Shepherd, A.B., Columbia College, 1893.	" History.
Charles W. Tooke, A.B., Syracuse University, 1891.	" Administrative Law.

ALTERNATES

<p>William Ashenurst Dunn, A.B., Princeton College, 1893.</p>	<p>Subject, English.</p>
<p>Willis I. Milham, Candidate for A.B., Williams College, 1894.</p>	<p>“ Mathematics.</p>
<p>Enoch Howard Vickers, A.B., West Virginia University, 1890. Chester Allen Place, A.B., Northwestern University, 1886.</p>	<p>“ Sociology.</p> <p>“ Philosophy.</p>
<p>Henry Edward Crampton, Jr. A.B., Columbia College, 1893.</p>	<p>“ Biology.</p>
<p>Milo Roy Malthbie, Ph.B., Upper Iowa University, 1892.</p>	<p>“ Public Law.</p>
<p>Shepherd Ivory Franz, Candidate for A.B., Columbia College, 1894.</p>	<p>“ Experimental Psychology.</p>
<p>George Cushing Sikes, B.S., University of Minnesota, 1892.</p>	<p>“ Political Economy.</p>
<p>Charles St. Clair Wade, Candidate for A.B. and A.M., Tufts College, 1894.</p>	<p>“ Greek.</p>

XIV. Barnard Fellowship

For encouraging scientific research.

Income of a fund of \$10,000 bequeathed to the college by the late President Barnard; awarded annually to a graduate of the School of Arts or School of Mines, who has evinced decided aptness for physical investigation and who may be disposed to devote himself to such investigation for some years continuously.

Awarded in 1893 to

WILLIAM LISPENARD ROBB, Ph.D.

Of the Class of 1880.

Professor of Physics in Trinity College, Conn.

XV. Loubat Prize

REGULATIONS FOR 1894

I. Two prizes, a first of one thousand dollars, and a second of four hundred dollars, the gift of Mr. Joseph F. Loubat, shall be awarded in December 1893, to the authors of the best works published in the English language upon,

the history, geography, archæology, ethnology, philology, or numismatics of North America. The competition for these prizes shall be open to all persons, whether connected with Columbia College or not, and whether citizens of the United States or of any other country.

II. The conditions of competition are:

- (a) That the work fall within the above list of subjects.
- (b) That it be written by one person.
- (c) That it embody the results of original research and constitute a distinct contribution to science.
- (d) That it shall have been published not earlier than 1888, and not later than April 30, 1893. But works consisting, or to consist, of a series of volumes, shall be admitted to competition if any volume shall have been published within the period named.

Awarded in 1893

First Prize, HENRY ADAMS,

FOR HIS

“History of the United States of America during the Administrations of Jefferson and Madison.” 9 vols. 1889-90.

Second Prize, A. F. BANDELIER,

FOR HIS

“Report of Investigations among the Indians of the Southwestern States.”
2 vols. 1890-92.

Selection

La Giaconda (Ponchielli)

ORCHESTRA

XVI. Presentation of Memorial Minute and Medal, on behalf of the Trustees, to

HENRY DRISLER, LL.D.,

who retires as Jay Professor Emeritus of the Greek Language and Literature after fifty years of uninterrupted service of the College

THE REVEREND MORGAN DIX, S.T.D., D.C.L.

XVII. Presentation of the Commemorative
Volume

“CLASSICAL STUDIES IN HONOUR OF HENRY DRISLER ”
Consisting of Papers contributed by his former pupils
PROFESSOR AUGUSTUS C. MERRIAM, A.M., Ph.D.

XVIII. Reply by Professor Drisler

XIX. Benediction By the Chaplain Emeritus of the College

Selection
College Airs
ORCHESTRA

COMMITTEE OF ARRANGEMENTS

EDWARD MARWEDEL JONES, Chairman,
DAVID STEWART IGLEHART, Grand Marshal.

SCHOOL OF ARTS

THEODORE IRVING REESE, Chairman,
PHILIP R. M. HILDRETH,
DAVID STEWART IGLEHART.

SCHOOL OF LAW

DEWITT BAILEY, Chairman,
DAVID BANDLER,
BENJAMIN JARRETT.

COLLEGE OF PHYSICIANS AND SURGEONS

HENRY ROBERT GLEDHILL, Chairman,
CARL ADOLPH HUBER,
EDWARD FRANCIS DENNER.

SCHOOL OF MINES

BENJAMIN WISTAR MORRIS, Jr.,
Chairman,
RICHARD COCHRAN HANSON,
EDWARD MARWEDEL JONES.

SCHOOL OF POLITICAL SCIENCE

FRANCIS WALKER.

SCHOOL OF PHILOSOPHY

WILFRID LAY.

SCHOOL OF PURE SCIENCE

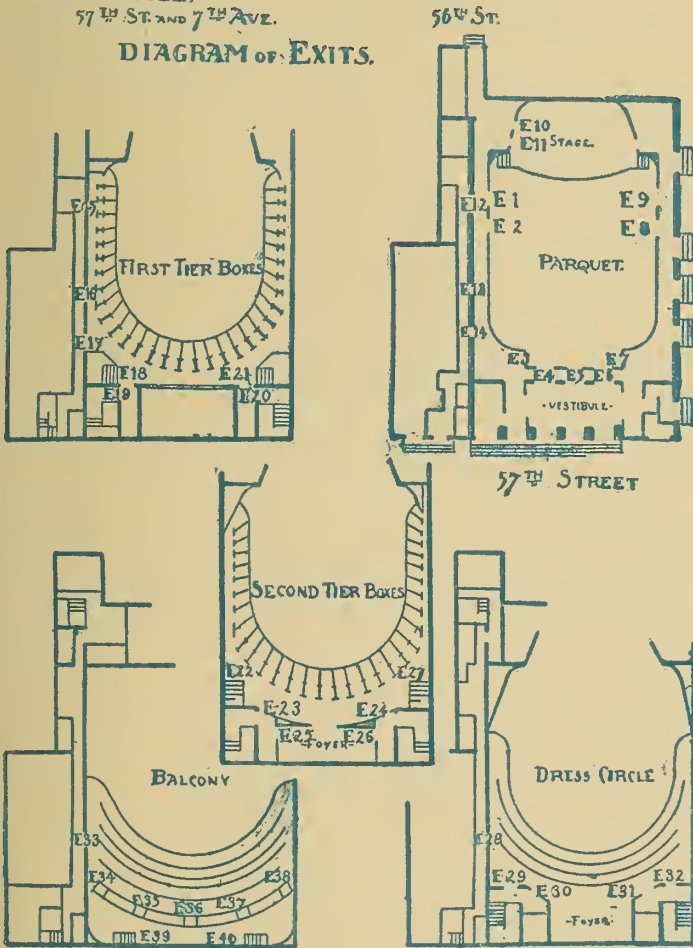
JOHN KUNKEL SMALL.

MUSICAL DIRECTOR

J. M. LANDER

"MUSIC HALL"
57TH ST. AND 7TH AVE.

DIAGRAM OF EXITS.



PARQUET.

- Exits 1, 2, 3, 7, 8, 9
To Corridor
- " 4, 5, 6
To Main Vestibule
- " 10, 11
To 56th Street
- " 12, 13, 14
To 57th Street

FIRST TIER BOXES.

- Exits 15, 16, 17
To 57th Street
- " 18, 21
To Parquet Corridor
- Exit 19, To Main Vestibule
and 57th Street
- " 20, To Main Vestibule
and 7th Avenue

SECOND TIER BOXES.

- Exits 22, 27
To Parquet Corridor
- " 23, 25
To Main Vestibule
and 57th Street
- " 24, 26
To Main Vestibule
and 7th Avenue

DRESS CIRCLE.

- Exit 28,
To 56th and 57th Streets
- Exits 29, 30
To Main Vestibule
and 57th Street
- " 31, 32
To Main Vestibule
and 7th Avenue

BALCONY.

- Exit 33
To 56th and 57th Streets
- Exits 34, 35, 36, 37, 38, 39, 40
To Main Vestibule, 57th
Street and 7th Avenue

Note: All Exits are marked E





Columbia College
in the City of New York

ONE HUNDRED AND FORTY-FIRST

ANNUAL COMMENCEMENT

CARNEGIE MUSIC HALL

JUNE 12, 1895

THE UNIVERSITY OF CHICAGO
LIBRARY

Order of Exercises

Overture

William Tell (Rossini)

ORCHESTRA

Fantaisie Hongroise (Herrmann)

ORCHESTRA

March

Tannhäuser (Wagner)

ORCHESTRA

I. Prayer

By the Chaplain Emeritus of the College

Bonheur Perdu (Gillet)

ORCHESTRA

II. Conferring of the Degree of Bachelor of Arts

- | | |
|---------------------------------|------------------------------------|
| 1. Claude Selwyn Beckwith | 11. Henry William Egner, Jr. |
| 2. Herbert Doty Brown | 12. William Sanford Evans |
| 3. Charles Frederick Buckley | 13. John Ewen |
| 4. William L. Cahn | 14. John Driscoll Fitz-Gerald 2nd. |
| 5. Lewis Nathaniel Chase | 15. William Oscar Gennert |
| 6. Roger Lewis Conant | 16. George Balthasar Germann |
| 7. John Hamilton Potter Conover | 17. Felix Mortimer Gernsheim |
| 8. Frederick Coykendall | 18. Frederick Berg Hartranft |
| 9. Frederick Morse Cutler | 19. Henry Eugene Houston |
| 10. Schuyler Emerson Day | 20. Conrad Saxe Keyes |

- | | |
|--------------------------------|------------------------------|
| 21. Maulsby Kimball | 34. James Naumburg Rosenberg |
| 22. Arthur Kline Kuhn | 35. Isaac Max Rubino |
| 23. Edward Lazansky | 36. Frederick Herbert Sill |
| 24. William Thomas Mason | 37. Joseph Percy Smyth, Jr. |
| 25. Albert Ossar Miller, Jr. | 38. Joel Elias Spingarn |
| 26. James Macdonald Mitchell | 39. Clarence Storm |
| 27. Charles Gustave Mourraille | 40. Joseph Suydam Stout, Jr. |
| 28. Rudolph Neeser | 41. William Dana Street |
| 29. Walter Stephen Newell | 42. Stephen Fraser Thayer |
| 30. Charles Walton Ogden, Jr. | 43. Frederic Oakman Virgin |
| 31. Henry Berry Pogson | 44. Richmond Weed |
| 32. Frank Judson Pope | 45. David Everett Wheeler |
| 33. William Howe Ripley | 46. James Perry Worden |

In the COLLEGIATE COURSE FOR WOMEN

Elizabeth Frances Nammack

From BARNARD COLLEGE

- | | |
|-------------------------------|-----------------------------|
| 1. Caroline Garnar Brombacher | 5. Alice Lillie Seligsberg |
| 2. Florence Colgate | 6. Celeste Castalia Swenson |
| 3. Louise Benedict Lockwood | 7. Jeannie Willard Tatlock |
| 4. Mabel Parsons | 8. Gratia Eaton Whithed |

III. Conferring of the Degrees of Bachelor of Laws and Master of Laws

DEGREE OF BACHELOR OF LAWS

- | | |
|---|--|
| 1. Edward Albert Alexander, B.S. | 12. John Henry Hammond, Ph.B. |
| 2. Max Jacob Bernheim, A.B. | 13. Emanuel Hertz, A.M. |
| 3. Charles C. Brainerd, A.B. | 14. Eugene Baker Hoffman |
| 4. Conrad Braker | 15. Edwin Sumner Hunt, A.B. |
| 5. Edward Stelle Brownson, Jr.,
A.M. | 16. Edward Hymes, A.B. |
| 6. Joseph Edmond Bullen, A.M. | 17. Matthew T. Johnston, A.B. |
| 7. Ferdinand Ezra M. Bullowa,
A.M. | 18. William Nettleton Kennedy,
A.B. |
| 8. Nathan Platt Bushnell | 19. Arthur Knox, A.M. |
| 9. Alfred Arthur Cook, B.S., A.M. | 20. Charles S. Miller |
| 10. Torrey Everett, A.B. | 21. Walter S. Newhouse, A.B. |
| 11. Lewis Herbert Freedman, A.B. | 22. Raymond Otis, A.B. |
| | 23. Nathan Ottinger, B.S., A.M. |

- | | |
|-----------------------------------|-----------------------------------|
| 24. Samuel Pakelnishky | 31. Maurice Sichel |
| 25. Milton Cornelius Palmer, B.S. | 32. James Bennett Southard |
| 26. William B. Parsons, A.B. | 33. Augustus C. Stevens |
| 27. Raymond Reubenstein, A.B. | 34. Louis Stürcke |
| 28. Lester R. Riggs | 35. Algernon Thomas Sweeney, B.S. |
| 29. George Rosendale, Ph.B. | 36. Russell Lord Tarbox, A.B. |
| 30. James Murray Sanderson | |

DEGREE OF MASTER OF LAWS

- | | |
|----------------------------------|----------------------------------|
| 1. Robert Chetwood Beatty, LL.B. | 2. William Bell Wait, Jr., LL.B. |
|----------------------------------|----------------------------------|
-

IV. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

JOHN G. CURTIS, M.D.

Of the College of Physicians and Surgeons

- | | |
|------------------------------------|----------------------------------|
| 1. Burr Reeve Abbe, Jr., A.B. | 24. Samuel Adolph Buchenholz |
| 2. Edward Gurdon Aldrich | 25. Thomas Everett Bullard |
| 3. Archibald Fowler Alexander | 26. William Duff Bullard |
| 4. Lewis Nostrand Anderson | 27. Martin Francis Burns, A.B. |
| 5. Alfred James Andrews | 28. Joseph Byrne, A.B. |
| 6. David Fitch Armstrong, A.B. | 29. Ransford De Los Canedy |
| 7. Thomas Hanlon Atkinson, A.B. | 30. Herbert Swift Carter, A.B. |
| 8. James Cook Ayer, A.B. | 31. Edwin Crosby Chamberlin |
| 9. Frederick Randolph Bailey, A.B. | 32. Theodore Chamberlin, A.B. |
| 10. George Wheelock Banning | 33. George Fletcher Chandler |
| 11. Herman Benjamin Baruch, B.S. | 34. Robert Fendall Chapman, B.S. |
| 12. Arthur Loring Beals, A.B. | 35. Thomas Weston Chester, A.B. |
| 13. Wright Butler Bean | 36. John Rogers Clark, A.M. |
| 14. Harry Leach Bender | 37. Raymond Clark |
| 15. James Bishop, Jr., A.B. | 38. Finley Ransom Cook, A.B. |
| 16. Martine Laurence Bodkin, A.B. | 39. Samuel James Craig |
| 17. Joseph Wilbur Bourland, A.B. | 40. Henry Mortimer Cunningham |
| 18. John Newton Boyce | 41. Thomas Maltby Cunningham |
| 19. James Van Wagner Boyd | 42. Edwin Rue Curry, A.B. |
| 20. William Augustus Boyd | 43. Robert Denniston, A.B. |
| 21. Franklin Fleetwood Boyer | 44. William Lowther Des Portes |
| 22. William Little Bradley, A.B. | 45. John Milton Dexter |
| 23. Barton Wilbur Brush, M.D. | 46. Edmund LeRoy Dow, M.S. |

47. William Augustus Downes
48. James Walter Dunphy
49. John Franklin Dunseith
50. John Watson Durkee
51. Basil Hicks Dutcher, Ph.B.
52. Leonard Wheeler Ely, A.B.
53. Philip Embury
54. Evan Morton Evans, B.S.
55. Samuel Morley Evans
56. Carlisle Franklin Ferrin, A.B.
57. Peter Conover Field, B.S.
58. Alston Fitts, A.B., LL.B.
59. Frederic Hoole Floy, A.B.
60. Russell Story Fowler
61. Robert Samuel Freedman
62. Eugene Herbert Fried
63. Samuel Friedman
64. Samuel Knapp Frost
65. Herbert Edmond Gardinor
66. James Augustus Gardner
67. William Gauch, Jr.
68. Ernest Carson Gibney, A.B.
69. Howard Lawrence Gill
70. Henry Simpson Goddard
71. Abraham Lincoln Goodman,
Ph.G.
72. Albert Rotild Goodman
73. Ernest Hermann Carl Graeb
74. Henry Michael Groehl, Ph.G.
75. Sidney Haas
76. Charles Edward Hall, B.S.
77. Whitfield Harral
78. William Nelson Harrison
79. Theodore Stuart Hart, A.M.
80. James Foster Hasbrouck
81. John Gael Hathaway
82. Allen Hazen, A.B.
83. Joseph Heimowitz
84. Charles Herrman, B.S.
85. John Augustus Hill
86. Philip Hanson Hiss, Jr.
87. Henry, William Diedrich Holling
88. Edwin Holmes, A.B.
89. James Fred Holmes, A.M.
90. Joseph Scripture Holroyd
91. Gustavus Adolphus Humphreys, A.B.
92. Lee Maidment Hurd
93. David Jacob Hyman
94. Robert Franklin Ives
95. Theodore Israel Jacobus, B.S.
96. James Ralph Jacoby, A.B.
97. Frederick William James
98. Theodore Caldwell Janeway,
Ph.B.
99. Charles H. Johnson
100. William Mudd Jordan
101. Julius Jungmann
102. Henry Chrysostom Keenan,
A.B.
103. Edward Leland Kellogg
104. William Vallant Kellogg
105. Thomas Alexander Kenyon
106. Edward Loughborough Keyes,
A.B.
107. Theron Wendell Kilmer
108. William Thomas Charles Klein
109. Conrad Piser Kornreich
110. John B. Kouwenhoven, A.B.
111. Joseph Allen Kyle
112. Edmond John Labbé
113. Thomas Sim Lee, A.B.
114. Theodore Alexander Lehmann
115. Louis Lesinsky, A.B.
116. Morris Levy, A.B.
117. Leon Theodore Lewald
118. John Cadwallader Lewis
119. George French Little, A.B.
120. Henry Graham MacAdam
121. Montefiore Levy Maduro
122. Jeremiah Neil Martin, A.B.
123. Walter Frederick McCabe, Ph.B.
124. John Joseph McCoy
125. Frank Harold McLaury
126. Clarence Arthur McWilliams,
A.B.
127. Frank Sherman Meara, A.B.,
Ph.D.

- | | |
|--|---|
| 128. Emery Austin Miller | 161. Thomas Allison Smith |
| 129. George Swan Mooney, Ph.G. | 162. Rev. William Walter Smith,
A.M. |
| 130. George Mord | 163. Jacob Sobel, A.B. |
| 131. Harold James Morgan | 164. Louis John Frederick Staack |
| 132. John Bennett Morrison | 165. George Burnside Story, M.D. |
| 133. Michael William O'Gorman,
A.B. | 166. Paul Gerald Taddiken |
| 134. Horace Wilbur Patterson | 167. Robert Wood Tate |
| 135. George Stark Pearce | 168. Alfred Simpson Taylor, A.M. |
| 136. Guy Shearman Peterkin | 169. William Epaphroditus Thomas |
| 137. William Robert Pfeuffer, B.S.A.,
Ph.G. | 170. Joseph Reynolds Tillinghast, Jr. |
| 138. Charles Dickinson Phelps, A.B. | 171. Walter Dey Trenwith |
| 139. Paul Chrysostom Phillips, A.B. | 172. Charles Auguste Valadier, A.B. |
| 140. Morris Pollack | 173. Gilbert Julius Van der Smissen |
| 141. Walter Bonamy Power | 174. Frederick Van Vliet |
| 142. Louis Frederick Psotta | 175. William Remsen Varick |
| 143. Myles Purvin | 176. James Thomas Watkins, Jr. |
| 144. George Rauchfuss | 177. Walter Duval Webb |
| 145. Jacob Monroe Rich, E.M., C.E. | 178. Henry Goodwin Webster, A.B. |
| 146. George Johnson Ritterhouse | 179. Stuart Webster, A.B. |
| 147. Francisco Rivera-E | 180. William Edward West, A.B. |
| 148. Frank Wade Robertson | 181. Frederick Newton Whitehorne,
A.B. |
| 149. Fielding Tecumseh Robeson,
A.B. | 182. Howard Crosby Williams |
| 150. Charles Thomas Robinson, A.B. | 183. William Robert Williams, A.M. |
| 151. Harry Rodman, A.B. | 184. William Robert Anthony Wil-
son, A.B. |
| 152. William Homan Roe | 185. Isaac Max Wilzin |
| 153. Edward Nicholas Roeser, B.S. | 186. Henry Wintsch |
| 154. Edwin Leopold Rose | 187. Ferdinand Charles Wolff |
| 155. Louis Rosenwasser | 188. Goodall Harrison Wooten, B.S.,
A.M. |
| 156. Adam Emil Schmitt | 189. Joe Sil Wooten, Sc.B. |
| 157. Edward Schnaper | 190. Vincent Jay Youmans, Ph.B. |
| 158. Frank Walker Sears | 191. Fred Templeton Zabriskie, A.B. |
| 159. George William Shera, A.B. | 192. Charles Cowing Zacharie |
| 160. Ernest Frederick Sickenberger,
Ph.G. | |

Selection

Rob Roy (De Koven)

ORCHESTRA

V. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engineer, Metallurgical Engineer, and Bachelor of Philosophy

DEGREE OF ENGINEER OF MINES

- | | |
|---------------------------------|---------------------------------|
| 1. Leon Hyneman Barnett | 7. Louis Doremus Huntoon, Ph.G. |
| 2. Frederick Phinney Bayles | 8. Zadok Harry Jarman |
| 3. Benjamin Palmer Carter | 9. William Bradford McKinlay |
| 4. Max Dobbins | 10. John Seward |
| 5. Benjamin Britton Gottsberger | 11. Morrill Boughton Spaulding |
| 6. Charles Simon Herzig | 12. Lowe Whiting |
| 13. Roberto Yrizar | |

DEGREE OF CIVIL ENGINEER

- | | |
|---|-----------------------------------|
| 1. Joseph Albert Alexander | 12. Samuel Osgood Miller |
| 2. David Henry Baldwin | 13. Leon Solomon Moisseieff |
| 3. Joshua Binion, B.S. | 14. George Perrine |
| 4. Edward Coykendall | 15. Charles Paul Peugnet |
| 5. Henry Welles Durham | 16. Herbert Pinkham |
| 6. Ira Nash Evans | 17. Juan Miguel Portuondo |
| 7. Ernest August von Fintel, Jr.,
B.S. | 18. Lucien Rowland Shattuck, B.S. |
| 8. Charles Gartensteig, B.S. | 19. Charles Douglas Shradly |
| 9. Frank Joseph Morgan Grace | 20. John Henry Stewart |
| 10. Clarence Frost Horton | 21. Edwin Howard Thomes, Ph.B. |
| 11. William Bard Johnstone | 22. Frederick Warwick Walker |

DEGREE OF ELECTRICAL ENGINEER

- | | |
|--------------------------------|------------------------------|
| 1. William Clafin Andrews | 7. George Wesley Fletcher |
| 2. George Frost Archer | 8. Gustavus Town Kirby |
| 3. Victor Mayor Benedikt, B.S. | 9. Percival Robert Moses |
| 4. Joseph Bijur, A.B. | 10. Isaac Natkins, B.S. |
| 5. Harold Winthrop Buck, Ph.B. | 11. Alexander Farnum Ormsbee |
| 6. Edward Vermilye Cox, Ph.B. | 12. Frederick Condit Reeve |
| 13. Frank Sutton | |

DEGREE OF METALLURGICAL ENGINEER

David Foerster

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Analytical and Applied Chemistry)

- | | |
|-----------------------------|---------------------------|
| 1. Frederick Hedley Jobbins | 3. Charles Lawrence Riker |
| 2. Henry Kraemer, Ph.G. | 4. Samuel Auchmuty Tucker |

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Architecture)

1. Abram Horace Albertson
2. Henry Dick Bultman
3. Duncan Willson Candler
4. Fred Hall Dewey
5. Mortimer Joseph Fox
6. Howard Stevens Hadden
7. Elisha Harris Janes
8. Richard Leopold Leo
9. Charles Harris Lum
10. Edgar Joachim Moeller
11. Harry Burritt Mulliken
12. Francis Livingston Pell
13. Rudolph Henry Peppmüller
14. Howell Corbey Perrin
15. Lewis Frederick Pilcher
16. Richard Montgomery Schell

VI. Conferring of the Degrees of Master of Arts and Doctor of Philosophy

DEGREE OF MASTER OF ARTS

1. Bradbury Cilley
A.B., Amherst College, 1894.
2. Horatio Seymour Eisman
A.B., College of the City of New York, 1893.
3. Frederic Appleton Flichtner
A.B., Amherst College, 1894.
4. Hermann George Friedmann
B.S., College of the City of New York, 1893.
5. William Henry Hirsh
A.B., College of the City of New York, 1894.
6. Herbert McLeod Johnstone
A.B., Columbia College, 1894.
7. Shizuo Kondo
B.S., Ohio Wesleyan University, 1891.
8. Caspar Levias
A.B., Columbia College, 1893.
9. John J. McNulty
B.S., College of the City of New York, 1881; M.S., Union College, 1892; Ph.D., University of the City of New York, 1893.
10. John Alexander Mathews
B.S., Washington and Jefferson College, 1893.
11. Herbert Noble
A.B., St. John's College, Md., 1889.
12. Benjamin G. Paskusz
A.B., College of the City of New York, 1894.
13. Mrs. Agnes Lillie Pearson
B.S., Cornell University, 1890.
14. Charles Tomlinson Rittenhouse
E.M., Stevens Inst. of Tech., 1893; E.E., School of Mines, Columbia College, 1894.
15. Charles Colman Rosewater
Ph.B., Cornell University, 1894.
16. Sanford Louis Rotter
A.B., Columbia College, 1893.
17. Peter Schmuck
B.S., College of the City of New York, 1893.
18. Delos DeWolf Smyth
A.B., Hamilton College, 1890; A.M., 1893.
19. Louis Stürcke
Testimonium maturitatis, Realschule, Bremen, Germany, 1884.
20. Charles Auguste Valadier
A.B., Columbia College, 1892.
21. Samuel Lee Wolf
A.B., Harvard University, 1892.
22. Abraham Yohannan
A.B., Urmi College, Persia, 1870.

DEGREE OF DOCTOR OF PHILOSOPHY

1. John Henry Banks
E.M., School of Mines, Columbia College, 1883. Dissertation: Investigation of the Physical and Chemical Properties of Copper and of Some of Its Alloys.
2. George James Bayles
A.B., Columbia College, 1891; A.M., 1892; LL.B., 1893. Dissertation: The Office of Mayor in the United States.
3. Francis Burke Brandt
A.B., Harvard University, 1892. Dissertation: Friedrich Eduard Beneke; the Man and his Philosophy.
4. Roeliff Morton Breckinridge
Ph.B., Cornell University, 1892. Dissertation: The Canadian Banking System.
5. Ferdinand Ezra M. Bullowa
A.B., College of the City of New York, 1892; A.M., Columbia College, 1893. Dissertation: The History of Sovereignty.
6. Frederic Taber Cooper
A.B., Harvard University, 1886; A.M., Columbia College, 1891. Dissertation: Word-Formation in the Roman *Sermo Plebeius*.
7. Francis Bacon Crocker
E.M., School of Mines, Columbia College, 1882. Dissertations: Electric Transmission of Energy, and Electro-Metallurgy.
8. Herman Stearns Davis
A.B., Princeton College, 1892; A.M., Columbia College, 1894. Dissertation: Parallax of *Eta Cassiopeia*, as Deduced from the Rutherford Photographic Measures.
9. Allison Emery Drake
A.B., St. Xavier College, 1886; A.M., Columbia College, 1893. Dissertation: The Authorship of the West Saxon Gospels.
10. Harrison Gray Dyar
B.S., Mass. Inst. of Tech., 1889; A.M., Columbia College, 1894. Dissertation: Certain Bacteria from the Air of New York City.
11. Harold Griffing
A.B., Columbia College, 1890. Dissertation: Sensations from Pressure and Impact.
12. Cavalier Hargrave Jouet
Ph.B., School of Mines, Columbia College, 1882. Dissertation: On a Comparison of Some Methods for the Estimation of Thorium, Cerium, Lanthanum, and Didymium.
13. Ernst Joseph Lederle
Ph.B., School of Mines, Columbia College, 1886. Dissertation: Nitrates and Nitrites; their Detection and Estimation, and their Relation to Plant Life.
14. William Diller Matthew
A.B., University of New Brunswick, 1889; Ph.B., Columbia College, 1891; A.M., 1894. Dissertation: Effusive Dyke Rocks near St. John, New Brunswick.
15. Robert Andrews Milliken
A.B., Oberlin College, 1891; A.M., 1893. Dissertation: On the Polarization of Light from the Surface of Incandescent Solids and Liquids.
16. Mrs. Anna Stockton Pettit
B.S., St. Lawrence University, 1888; A.M., Columbia College, 1894. Dissertation: *Arachis hypogæa*.
17. John Krom Rees
A.M., Columbia College, 1875; E.M., 1875. Dissertation: The Determination by Original Investigation of the Position-Constants of Columbia College Observatory.
18. John Kunkel Small
A.B., Franklin and Marshall College, 1892. Dissertation: The North American Species of the Genus *Polygonum*.
19. Joseph Struthers
Ph.B., School of Mines, Columbia College, 1885. Dissertation: The Chemistry of Slags.

20. Francis Walker

B.S., Mass. Inst. of Tech., 1892;
A.M., Columbia College, 1893.
Dissertation: Double Taxation in the
United States.

21. Delancy Walton Ward

Ph.B., School of Mines, Columbia Col-
lege, 1888.
Dissertation: Chemical Changes in
Constant and in Inconstant Batteries.

Intermezzo

Ballet Music (Delibes)

ORCHESTRA

VII. Conferring of Honorary Degrees

DEGREE OF DOCTOR OF LAWS

THOMAS MESSINGER DROWN, M.D.

President-elect of Lehigh University

VIII. Award of Prizes in the School of Arts

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class.

Given annually by the Alumni Association of the College; value, \$50.

Three candidates are selected by the Faculty and submitted to the class, who choose one of the three to receive the prize.

JOHN DRISCOLL FITZ-GERALD, 2D

CHANLER HISTORICAL PRIZE

Income of a fund of \$1000, bequeathed by J. Winthrop Chanler, of the class of 1847; given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government of America, or some other historical subject assigned by the Faculty.

RUDOLF NEESER

HARSEN PRIZES FOR PROFICIENCY AT EXAMINATION

Three prizes, valued respectively at \$500, \$300, and \$200. Awarded to the most meritorious competitors at examinations consisting of:

1. Examination in writing covering all the seven branches of medical teaching.
2. Examination upon the cadaver in practical anatomy.
3. Practical examinations in clinical medicine and clinical surgery conducted at the hospitals.

The competitors are the most proficient ten candidates for the degree of Doctor of Medicine, all of whom receive

EXAMINATION HONORS

Each of the ten Honor Men, who does not obtain a higher prize, receives a Harsen Prize of \$25.

CARTWRIGHT PRIZE

This is a biennial prize of \$500 open for competition to the alumni of the college. It is awarded for the best medical essay submitted upon any subject the writer may select, and is open to competition in alternate years with the Alumni Association Prize.

JOSEPH MATHER SMITH PRIZE

Founded as a memorial of the late Professor Smith. Annual prize of \$100 for the best essay on the subject of the year (this year any subject relating to hygiene, pathology, or practical medicine) presented by an alumnus of the College of Physicians and Surgeons.

FELLOWSHIPS OF THE ALUMNI ASSOCIATION

Three Fellowships, provision for which is made annually by the Alumni Association, are open to graduates of the College of Physicians and Surgeons who have shown special aptitude for scientific research in the department of anatomy, physiology, or pathology. They are to be held for a period of two years, and have an annual value of five hundred dollars each. The appointments are made by the Executive Committee of the Alumni Association from candidates presented by the professor of anatomy, the professor of physiology, and the director of the pathological laboratory.

In Anatomy: F. J. BROCKWAY, M.D.

In Physiology: R. H. CUNNINGHAM, M.D.

In Pathology: W. S. STONE, M.D.

XI. Award of Fellowship in the School of Mines

McKIM FELLOWSHIP IN ARCHITECTURE

Founded by Mr. Charles F. McKim, in 1891; value \$2000; open for competition every two years to graduates of the Department of Architecture in the School of Mines under thirty years of age. The winner must devote at least two years to study and travel in Europe; ten months in each year must be spent in study in the American School of Architecture in Rome.

JOHN RUSSELL POPE, Jr.

Class of 1894

Honorable Mentions

HENRY J. EMERY

WILLIAM K. FELLOWS

Class of 1894

WILLIAM C. AYRES

E. RAYMOND BOSSANGE

Class of 1893

Selection

I Pagliacci (Leoncavallo)

ORCHESTRA

XII. Award of Prize, Fellowship, and Lectureship in the School of Political Science

JAMES GORDON BENNETT PRIZE IN POLITICAL SCIENCE

Annual Prize of \$50 for the best essay in English Prose upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. Founded by James Gordon Bennett, and open to Seniors in the School of Arts and other candidates for the baccalaureate degree in arts, letters, or philosophy, provided they take courses amounting to six hours a week in the School of Political Science. Subject for 1895:

The Past and Present Diplomatic Relations of the United States with China, Japan, and Corea.

ARTHUR KLINE KUHN

Class of 1895, School of Arts

SELIGMAN FELLOWSHIP

Annual value, \$250. Founded by Jesse Seligman, Esq., and awarded by the Faculty to a student who is a candidate for the degree of Doctor of Philosophy.

GEORGE C. CALVERT

PRIZE LECTURESHIPS

Founded by the Trustees; three in number, each of an annual value of \$500, and tenable for three years; one awarded each year; appointment made on the recommendation of the Faculty from the members of the Academy of Political Science.

HARRY ALONZO CUSHING, A.M.

SILVER MEDAL OFFERED BY THE NATIONAL SOCIETY OF THE SONS OF THE AMERICAN REVOLUTION

Offered annually; open for competition to members of the Senior Class in the School of Arts, and to first-year students, not graduates of the School of Arts, studying under any of the University Faculties; award made by the professors giving instruction in American History.

ARTHUR KLINE KUHN

XIII. Award of Scholarship and Prizes, Barnard College

HERMANN BOTANICAL SCHOLARSHIP

Value \$50; awarded annually to that student in the botanical department who, in the opinion of the Academic Committee, is the most worthy to receive it.

LIDIE K. SEWARD

KOHN MATHEMATICAL PRIZE

Value \$50

CAROLINE GARNAR BROMBACHER

SOPHOMORE CHEMISTRY PRIZE

Value \$25

LOUISE BRISBIN DUNN

XIV. Award of University Fellowships

Twenty-four University Fellowships have been established by the Trustees, tenable for one year, with a possibility of reappointment for reasons of weight.

The candidate must give evidence

(a) of a liberal education, such as a diploma already granted, or about to be received, from a college or scientific school of good repute;

(b) of decided fitness for a special line of study, such as an example of some scientific or literary work already performed:

(c) of upright character, such as a testimonial from some instructor.

The value of each fellowship is \$500.

William Rosenzweig Arnold Ohio Wesleyan University, A.B., 1892.	Semitic Languages
Arthur Beatty University of Toronto, A.B., 1893.	English
James Walton Cooper Doane College, Neb., A.B., 1891.	Romance Languages
A. C. Flick Otterbein University, A.B., 1894.	History
Shepherd Ivory Franz Columbia College, A.B., 1894.	Experimental Psychology
B. B. Griffin College of the City of New York, B.S., 1894.	Biology
Judah Joffe Columbia College, A.B., 1893.	Comparative Philology
W. D. Johnston Brown University, A.B., 1893.	History
Herbert McLeod Johnstone Columbia College, A.B., 1894.	Literature
Frederic Ludlow Luqueer Columbia College, A.B., 1894.	Education
J. H. McGregor Ohio State University, B.S., 1894.	Biology
S. J. McLean Toronto University, A.B., 1894.	Political Economy
John Angus Macvannel University of Toronto, A.B., 1893.	Philosophy
M. R. Maltbie Upper Iowa University, Ph.B., 1892.	Administrative Law
George N. Olcott Columbia College, A.B., 1893.	Latin
Max Osterberg Columbia College, E.E., 1894.	Mechanics
Charles Tomlinson Rittenhouse Columbia College, E.E., 1894.	Electricity

F. W. Sanders
 College of the City of New York, A.B., 1893.
 Albert Schneider
 University of Illinois, B.S., 1894.
 H. C. Sherman
 Maryland Agricultural College, B.S., 1893.
 F. L. Tufts
 Antioch College, B.S., 1891. A.M., 1894.
 Harvard University, A.B., 1894.
 W. S. Ufford
 Amherst College, A.B., 1882.
 B. F. Wilcox
 University of Michigan, A.B., 1894.
 J. A. Wright
 De Pauw University, Ph.B., 1894.

Sociology
 Botany
 Chemistry
 Physics
 Sociology
 Administrative Law
 Comparative Jurisprudence

ALTERNATES

W. W. Elliott
 Amherst College, A.B., 1895.
 L. A. Parsons
 Student at Iowa State University, 1894-95.
 M. Victor Staley
 University of Michigan, A.B., 1893.
 G. C. F. Butte
 Austin College, Texas, A.B., 1895.
 G. A. Lawrence
 Leland Stanford, Junior, University, A.B., 1892.
 G. Levering
 Maryville College, Tenn., B.L., 1895.

Geology
 Mathematics
 Indo-Iranian Languages
 Political Science
 Neurology
 Public Law

XV. Award of the Barnard Fellowship

For encouraging scientific research.

Income of a fund of \$10,000 bequeathed to the College by the late President Barnard; awarded annually to a graduate of the School of Arts or School of Mines who has evinced decided aptness for physical investigation and who may be disposed to devote himself to such investigation for some years continuously.

WILLIAM LISPENARD ROBB, PH.D.

Of the Class of 1880

Professor of Physics in Trinity College, Hartford, Conn.

XVI. Award of the John Tyndall Fellowship for the Encouragement of Research in Physics

Awarded annually on the recommendation of the head of the Department of Physics; value, the income of \$10,800 (the fund presented to the College by Professor Tyndall), which the Trustees guarantee shall be at least \$648 a year.

WALTER WHEELER COOK, A.B.

Of the Class of 1894

XVII. Award of the Henry Drisler Fellowship in Classical Philology

Founded in commemoration of the Semi-Centennial in the service in the College of Henry Drisler, LL.D., of the Class of 1839, who held in this College the chairs of both Latin and Greek. Awarded on the recommendation of the heads of the Departments of Latin and Greek.

JOHN KASSON LATHROP, A.B.

Cornell University, 1894

XVIII. Award of the Barnard Medal

A gold medal, to be known as the "Barnard Medal for Meritorious Service to Science," is to be awarded at Commencement at the close of every quinquennial period dating from the 17th day of July, 1889, to such person, if any, whether a citizen of the United States or of any other country, as shall within the five years next preceding have made such discovery in physical or astronomical science, or such novel application of science to purposes beneficial to the human race, as in the judgment of the National Academy of Sciences of the United States shall be esteemed most worthy of such honor.

JOHN WILLIAM, LORD RAYLEIGH, F.R.S., etc.

Professor WILLIAM RAMSAY, F.R.S.

Waltz
Ganz Wien (Strauss)
ORCHESTRA

XIX. Address by President Low

XX. Benediction By the Chaplain Emeritus of the College

Selection
College Airs
ORCHESTRA

COMMITTEE OF ARRANGEMENTS

JOSEPH EDMOND BULLEN, A.M., Chairman

STEPHEN FRASER THAYER, Grand Marshal

SCHOOL OF ARTS

FREDERICK COYKENDALL, Chairman

WILLIAM THOMAS MASON

STEPHEN FRASER THAYER

COLLEGE OF PHYSICIANS AND SURGEONS

WILLIAM ROBERT WILLIAMS, A.M.,

Chairman

FRED TEMPLETON ZABRISKIE, C.E.

JAMES COOK AYER, A.B.

SCHOOL OF LAW

JOSEPH EDMOND BULLEN, A.M.,

Chairman

FERDINAND E. M. BULLOWA, A.M.

JAMES BENNETT SOUTHARD

SCHOOL OF MINES

ZADOK HARRY JARMAN, Chairman

EDWARD COYKENDALL

CHARLES D. SHRADY

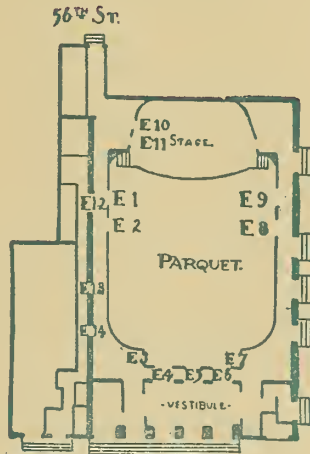
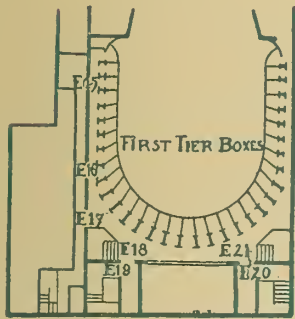
MUSICAL DIRECTOR

J. M. LANDER

"MUSIC HALL"

57TH ST. AND 7TH AVE.

DIAGRAM OF EXITS.



7TH AVENUE.

PARQUET.

- Exits 1, 2, 3, 7, 8, 9 To Corridor
- " 4, 5, 6 To Main Vestibule
- " 10, 11 To 56th Street
- " 12, 13, 14 To 57th Street

FIRST TIER BOXES.

- Exits 15, 16, 17 To 57th Street
- " 18, 21 To Parquet Corridor
- Exit 19, To Main Vestibule and 57th Street
- " 20, To Main Vestibule and 7th Avenue

SECOND TIER BOXES.

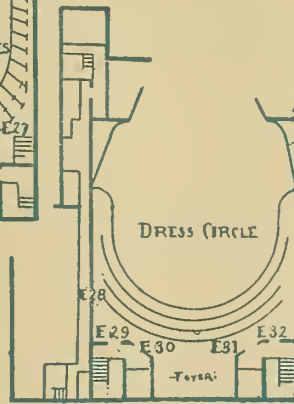
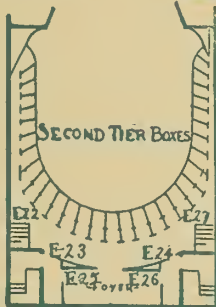
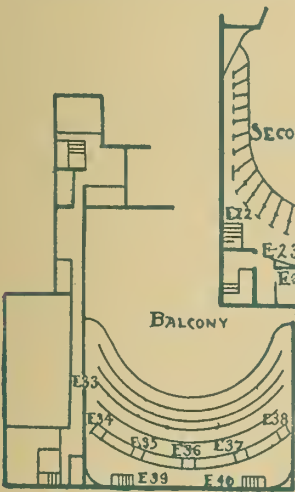
- Exits 22, 27 To Parquet Corridor
- " 23, 25 To Main Vestibule and 57th Street
- " 24, 26 To Main Vestibule and 7th Avenue

DRESS CIRCLE.

- Exit 28, To 56th and 57th Streets
- Exits 29, 30 To Main Vestibule and 57th Street
- " 31, 32 To Main Vestibule and 7th Avenue

BALCONY.

- Exit 33 To 56th and 57th Streets
- Exits 34, 35, 36, 37, 38, 39, 40 To Main Vestibule, 57th Street and 7th Avenue



Note: All Exits are marked E





Columbia University
in the City of New York

ONE HUNDRED AND FORTY-SECOND

ANNUAL COMMENCEMENT

CARNEGIE MUSIC HALL

JUNE 10, 1896

LIBR
1878

Order of Exercises

Overture

Festouverture (Leutner)

ORCHESTRA

Selection

Wizard of the Nile (Herbert)

ORCHESTRA

March

La Reine de Saba (Gounod)

ORCHESTRA

I. Prayer By the Chaplain Emeritus of the University

II. Address by the President of the University

Waltz

Märchen aus dem Orient (Strauss)

ORCHESTRA

III. Award of Prizes and Fellowships

Columbia College

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class.

Given annually by the Alumni Association of the College; value, \$50.

Three candidates are selected by the Faculty and submitted to the class, who choose one of the three to receive the prize.

CHANLER HISTORICAL PRIZE

Income of a fund of \$1000, bequeathed by J. Winthrop Chanler, of the Class of 1847; given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government in America, or some other historical subject assigned by the Faculty.

ANNOUNCEMENT OF SOPHOMORE, JUNIOR, AND FINAL HONORS

School of Law

PRIZES

COMMITTEE OF AWARD

Camillus G. Kidder, Esq.

George Richards, Esq.

George W. Wickersham, Esq.

Three prizes, of \$250, \$150, and \$100, respectively, are awarded to members of the graduating class, at the close of each academic year, for the best essays upon one or more legal topics. The competition for such prizes is open only to students who have pursued the whole course of study required for the degree of Bachelor of Laws, and who shall be certified by the Faculty to have been diligent in attendance and to have maintained a high degree of scholarship throughout.

College of Physicians and Surgeons

HARSEN PRIZES FOR CLINICAL REPORTS

Founded by the late Jacob Harsen, M.D. Three annual prizes, valued respectively at \$150, \$75, and \$25; given, with a bronze medal, to each prize winner, for the best reports in writing, by students of the College of Physicians and Surgeons, of the clinical instruction given at the New York Hospital during any four consecutive months of the academic year.

HARSEN PRIZES FOR PROFICIENCY AT EXAMINATION

Three prizes, valued respectively at \$500, \$300, and \$200. Awarded to the most meritorious competitors at examinations consisting of:

1. Examination in writing covering all the seven branches of medical teaching.
2. Examination upon the cadaver in practical anatomy.
3. Practical examinations in clinical medicine and clinical surgery conducted at the hospitals.

The competitors are the most proficient ten candidates for the degree of Doctor of Medicine, all of whom receive

EXAMINATION HONORS

Each of the ten Honor Men, who does not obtain a higher prize, receives a Harsen Prize of \$25.

ALUMNI ASSOCIATION PRIZE

A biennial prize of \$500, open for competition to the alumni of the College. It is awarded for the best medical essay submitted upon any subject the writer may select, and is open to competition in alternate years with the Cartwright Prize.

FELLOWSHIPS OF THE ALUMNI ASSOCIATION

Three Fellowships, provision for which is made annually by the Alumni Association, are open to graduates of the College of Physicians and Surgeons who have shown special aptitude for scientific research in the Department of Anatomy, Physiology, or Pathology. They are to be held for a period of two years, and have an annual value of five hundred dollars each. The appointments are made by the Executive Committee of the Alumni Association from candidates presented by the professor of anatomy, the professor of physiology, and the director of the pathological laboratory.

In Anatomy: JOSEPH A. BLAKE, M.D.

In Physiology: RICHARD H. CUNNINGHAM, M.D.

School of Architecture

COLUMBIA FELLOWSHIP IN ARCHITECTURE

Founded by the Trustees in recognition of the liberality of Mr. F. A. Schermerhorn to this school. One Fellowship of \$1300, to be devoted to foreign study and travel by the successful candidate. Open for competition every two years to all graduates in architecture less than thirty years of age.

Prize-Song

from

Die Meistersinger (Wagner)

ORCHESTRA

School of Political Science

JAMES GORDON BENNETT PRIZE IN POLITICAL SCIENCE

Annual Prize of \$50 for the best essay in English prose upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. Founded by James Gordon Bennett, and open to Seniors in Columbia College and other candidates for the baccalaureate degree in arts, letters, or philosophy, provided they take courses amounting to six hours a week in the School of Political Science. Subject for 1896: *Resolved*, That, in the light of experience, the so-called "Anti-Pooling Clause" of the Interstate Commerce Act should be repealed.

Awarded to the writer of the essay signed *Mathilde*.

SELIGMAN FELLOWSHIP

Annual value, \$250. Founded by Jesse Seligman, Esq., and awarded by the Faculty to a student who is a candidate for the degree of Doctor of Philosophy.

PRIZE LECTURESHIPS

Founded by the Trustees; three in number, each of an annual value of \$500, and tenable for three years; one awarded each year; appointment made on the recommendation of the Faculty from the members of the Academy of Political Science.

TOPPAN PRIZE

A prize of \$150, known as the Robert N. Toppan prize, is awarded annually to the member of the graduating class who passes the best written examination upon a paper prepared by the professor in charge of the Department of Constitutional Law.

Barnard College

KOHN MATHEMATICAL PRIZE

Value \$50

SOPHOMORE CHEMISTRY PRIZE

Value \$25

John Tyndall Fellowship for the Encouragement of Research in Physics

Awarded annually on the recommendation of the head of the Department of Physics; value, the income of \$10,800 (the fund presented to the University by Professor Tyndall), which the Trustees guarantee shall be at least \$648 a year.

Waltz

Thelma (Kiefert)

ORCHESTRA

IV. Conferring of the Degree of Bachelor of Arts

COLUMBIA COLLEGE

Charles Siedler Adams	Robert Glenn McCrea
Bernhard Alexander	Robert Austin McCulloch
Carl Lucas Alsberg	Aaron Wager Maddox
John Richard Atwill	George Frederick Middendorf, Jr.
Edwin Atkinson Bayles	Louis Hasbrouck Newkirk
Edwin Beer	Leonard Jerome Obermeier
George Philip Bryant	Edward Codman Parish
Granville Ingraham Burr	Asa Warren Parker, Jr.
Herbert Louis Celler	Frederick Augustus Peters
William Samuel Cherry	Edwy Guthrie Pitblado
Charles du Pont Coudert	William Popper
Walter Scott Dryfoos	Joseph Meyer Proskauer
Henry Louis Austin Fick	Isidorus Ross
Wells Hubert Fitch	Allan Conn Rowe
Harold Carl Geyer	John Wiethauer Russell
Everett Willoughby Gould	Herman Francis Senftner
Robert Hurtin Halsey	Samuel Swayze Seward, Jr.
William Henry Hays	Walter Conwell Shoup
Victor William Hungerford	John Hebard Snyder
John Duer Irving	David Houghtaling Taylor
Walter Colouzzi Kretz	John Tilley, Jr.
Alfred Louis Kroeber	Carl Manfred Uhl
Irving Lehman	John Alfred Valentine
Albert Ralph Lesinsky	Richard Weil
Julian Clarence Levi	Edwin Blanchard Woodruff
Frederick Montgomery Livingston	

BARNARD COLLEGE

Alice Goddard Chase
Elsie Worthington Clews
Carrie Hammerslough
Mary Bradford Harris
Ada Hinde Hart
Anna Cole Mellick
Clara Meltzer
Louise Place
May Hinton Pollock

Eva Sherwood Potter
Mary Rogers Roper
Ettie Stettheimer
Mary Matilda Stone
Anne Janet Sutphen
Clementine Tucker
Bertha Steele Van Riper
Jessie May Wendover
Gertrude Wolff

[18]

V. Conferring of the Degree of Bachelor of Laws

DEGREE OF BACHELOR OF LAWS

Alfred John Amend
Paul Armitage, A.B.
Berkeley Clarence Austin, A.B.
Shelley Fowler Austin
William Thomas Aycock, A.B.
Harry Samuel Bandler, A.B.
Solomon Charles Bernstein, A.M.
Russell Ely Burke, A.B.
John Francis Carew, A.B.
James Dickson Carr, A.B.
Thomas Ives Chatfield, A.B.
Joseph Jacob Corn
Sidney Clinton Crane
William Beers Crowell
Eugene Howell Daly, A.B.
John G. Dunbar
William C. Dunbar
Horatio Seymour Eisman, A.M.
Mortimer Kennedy Flagg
Hermann George Friedmann, A.M.
Sydney Wesley Hart, Ph.B.
Otto Theodore Hess, A.B.
Walter Baylis Hopping
Harold Hurd
Edwin James Johnson
Norman Gildersleeve Johnson, A.B.
William C. B. Kemp

Harvey Roberts Kingsley, A.B.
Arthur Charles Kletzsch, A.B.
William R. A. Koehl, A.B.
Edgar Julius Kohler, A.B.
Henry M. Levin, B.S.
Louis Levy, A.B.
Edward Livingston, Jr., A.B.
Campbell Erie Locke, A.B.
Charles Edward Francis McCann,
Ph.B.
Cornelius Patrick McIntyre, A.B.
Robert Mickle Miles, Jr., A.M.
Frederick Felix Neuman, A.B.
Sheridan Shook Norton, A.M.
James F. O'Beirne, A.M.
Charles Roger Pelgram
George Ross
Frederick H. Sanborn, A.B.
George J. Schleicher
Peter Schmuck, A.M.
Edward Samuel Seidman, A.B.
Oscar Roland Seitz, A.B.
Francis Raymond Stark, A.M.
Robert William Thompson, Jr., A.M.
Henry Ayres Uterhart, A.B.
Sampson Herbert Weinhandler, A.B.
Lewis Morris White

[53]

Sérénade Mauresque (Jonas)

ORCHESTRA

VI. Conferring of the Degree of Doctor of
Medicine

THE HIPPOCRATIC OATH

will first be administered by

JAMES W. MCLANE, M.D.

Dean of the College of Physicians and Surgeons

Walter Sawyer Adams, A.B.	Frank Thomas Budd
William Adler	William Buermann
Horace Russel Allen, Jr., A.B.	Clarence Perciville Bulson, Ph.G.
Emil Altman	James Edward Campbell, Ph.B.
Samuel Ansbacher, B.S.	Ransford De Los Canedy
William Henry Areson	James Peter Casazza, Ph.G.
Oliver Luther Austin	Douglas Aymar Cater, B.S.
William Hayden Baker, A.B.	Arthur Hutchins Cilley, A.B.
Charles Everett Banker, A.B.	Samuel Cochran, A.B.
Archie Henry Barkley	James Cantine Coles
John Hendley Barnhart, A.B., A.M.	Howard Ogle Comegys
Alfred Bell	James Bronson Conant, A.B.
Charles Sylvester Bentley	Charles Frank Connor
Charles White Berry	George Mason Creevey, A.B.
Horace Bigelow, A.B.	David Ryerson Crouse
Arthur Walter Bingham, B.S.	Willis Hanford Crowe
Albert George Bising, A.B.	Frederick Wallace Culler, Ph.G.
Edward Blaise	Edward Otis Cummings
Jesse Leonti Bliss	Arthur Ward Cutler
John Henri Blot	Robert Morris Daley
Edward Augustus Blount, Jr.	William Joseph Leo Davis
Henry Julius Blumensohn, B.S.	José Anastasis Diaz-y-Rodriguez
Alfonse Michael Bodden, A.M.	A.B.
Belmont de Forest Bogart	William Gordon Dice, A.B.
Charles Herbert Borden	Joseph Milton Dill, Jr.
Leon Bowman	Francis Oswald Dorsey, A.B.
Charles Edward Boynton, A.B.	Mortimer Byron Downer
Mordecai Robert Bren	Frank Chase Downing
Everett Clifton Brennand	Jay Harvey Durkee, A.B.
Walter Max Brickner, B.S.	John S. Easton, A.B.
Elias Galley Brown, A.B.	William Gustav Eckstein

Ogden Matthias Edwards, Jr., B.S.
 Robert Emmet
 Floyd Bonesteel Ennist
 Edgar Horace Farr, A.B.
 Joseph Whittlesay Fauntleroy, M.D.
 Burr Ferguson, A.B.
 Carl Ferdinand Herman Fischer
 Howard Sinnickson Forman, B.S.
 Ernest Wallace Fowler
 Samuel Wallace Fowler, Ph.G.
 Robert Lachlison Fox, M.D.
 Maurice Friedman
 Ennis Ignatius Geraghty
 Ernest Carson Gibney, A.B.
 James Patrick Gilligan
 Adolph Goldhammer, B.S.
 Sidney Ormond Goldman
 Carl Goldmark
 Charles Augustus Goodrich, B.S.
 John William Gerhard Greeff
 Charles William Green
 Chauncey Boyd Griffiths, A.B.
 Samuel Bates Grubbs, A.B.
 Charles Alfred Haffner, A.B.
 Henry Ewing Hale, Jr., A.B.
 James Schermerhorn Hall
 Louis Hauswirth, B.S.
 Franklin Miller Herman
 William Cott Hobdy, B.S.
 William Grant Hogg
 Fenimore Cooper Hoke
 John Horni, Ph.G.
 Charles Huber, Ph.G.
 Frederick William Huber
 Harry Richard Humphries
 Edward Livingston Hunt, A.B.
 Elon Obed Huntington, B.S.
 Augustus Alphonso Hussey, A.B.
 Sherwood Bissell Ives, A.B.
 Charles Herman Jaeger
 Benjamin Yeager Jaudon
 Homer Thrall Joy, A.B.
 Edgar Collins Joyce
 Aspinwall Judd
 Morris Nathan Karash
 Ernest Kaufman
 James Edward Keegan
 Charles Platt Knowles
 Albert Edward Koonz, D.D.S.
 Carl Henry Kroeber
 Adrian Van Sinderen Lambert, A.B.
 Edward Rutledge Lampson, Jr.,
 A.B.
 William Judson Lamson, A.B.
 Sidney Locock Lassell, A.B.
 George Alfred Lawrence, A.B.
 Medwin Leale, A.B.
 Prescott Le Breton, A.B.
 George Bolling Lee
 Oscar Leiser
 Arnold Gustave Leo
 Hugo Adolph Levison
 John Cadwallader Lewis
 Eli Long, Jr., A.B.
 Arthur Jewett Lougee, A.B.
 George Floyd Ludlow
 Cecil Laurence MacCoy
 James Wright MacNider
 John Silliman Macnie, A.B.
 Robert Hall McConnell
 William Thomas McConvill
 Arthur Thomas McCormack, A.B.
 Hugh Farber McGaughey, B.S.
 Arthur Francis McGinn, A.B.
 John Dice McLaren, M.Sc.
 Wharton Bird McLaughlin -
 Thomas William McManus
 Frank Wickham Mallalieu, B.S.
 Edward Robert Maloney
 Leopold Marcus
 David Trumbull Marshall
 John Miller Masury
 William Jay Mersereau
 John Izard Middleton, Jr., A.B.
 Jesse Preston Miller, A.B.
 Augustin Joseph Molloy
 Paul Morrison, A.B.
 Wesley Thomas Mulligan, Ph.B.
 Adolph Mund, Ph.G.
 John William Nelson, A.B.

Denwood Norval Livingstone New-
bury
Lorenzo Miller Nickerson
Frank Burton Otis, A.B.
Frederic Francis Owens, A.B.
Henry Farrer Owsley, Ph.G.
Frederick Chauncey Paffard
Edward Oliver Parker, A.B.
George Mitchell Parker, A.B.
Jacob Hohanness Parseghian, A.B.
Antonio Davide Pisani, Ph.G.
Nelson Asa Pomeroy
Joseph William Posthauer
Albert Ward Preston, A.B.
William Stewart Reoch, B.P.
Strother William Rice, A.B.
Joseph Roby, A.B.
Albert Vincent Rockwell
Harry Heth Rodman
Mariano Rodriguez, A.B.
John Albert Ronayne, A.B.
Leoncio Ros
Malcolm Cameron Rose, Ph.G.
Clark Green Rossman, C.E.
Solomon Rottenberg, Ph.G.
Thomas Eugene Ryan
Walter Gohring Ryon
Trafford Brasee Salisbury
Philip Michael Schaffner
Robert McEwen Schaufler, A.B.
Michael Schiller, B.S.
Winfield Scott Schley, Jr., A.B.
Charles Henry Schlichter, Ph.G.
Alfred Schwab
Samuel Emanuel Schwartz
John William Scott, A.B.
Ambrose Alfonse Scouler, A.B.
Edgar Calvin Seibert
John Conlay Selby
George Henry Semken
James Bernard Shannon, Jr., A.B.
James Daniel Shea, A.B.
Peter Owen Shea, A.B.

John Lawrence Sheils
Walter Aikman Sherwood
Percy John Shute
Malcolm Toland Sime, C.E.
Daniel Alison Sinclair
Thomas Allison Smith
Paul Frederick Sondern
Victor Steinberger, A.B.
Samuel Stern
Richard Stinson
James Graham Phelps Stokes, Ph.B.
Walter Whitcomb Strang
August Adrian Strasser
Carlyle Edgar Sutphen, Jr., A.B.
Joseph Charles Taylor
Arthur Henry Temple
Arthur Seymour Tenner, A.B.
William Stoutenborough Terriberly,
A.B.
Joseph Cheesman Thompson
Josiah Payne Thornley, M.D.
Robert Storer Tracy, A.B.
Guy Hanford Turrell, A.B.
Sidney Ulfelder, A.B.
James Samuel Unger
Herbert Bailey Vail, A.B.
Arther Ward Van Riper
Albert Myers Van Sickle, Ph.G.
Augustus Baldwin Wadsworth, B.S.
George John Wardenburg, A.B.
John Sherreaf Waters, A.B.
Howard Rankin Weirick, B.S.
Stephen Whitaker Wells
George Oakley Welshman
Charles Allen Whiting, A.B.
James Raynor Whiting, Jr., A.B.
Ernest Nash Wilcox, A.B.
Adrian Dorsey Williams
Edward Temple Willson
Edward Darrah Wisely
Arthur Brownell Wright, A.B.
Andrew Benedict Yard
Harry Augustus Young

VII. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engineer, Metallurgical Engineer, and Bachelor of Philosophy

DEGREE OF ENGINEER OF MINES

Percy Morris Burrill	Charles Of
Allan Jay Clark	Robert Kitching Painter
Charles Dräsel	Richard Alexander Parker, C.S.
Edwin Chapin Holden, B.S.	Herman Alfred Prosser
Richard Stanislaus McCaffery	Arthur Emil Riedel
William Lytle McConway	William Stevens Thyng

[12]

DEGREE OF CIVIL ENGINEER

Frederick Auryansen	George Quintard Palmer
Edward Joseph Carney	Joel Pemoff
Charles Derleth, Jr., B.S.	Charles Rodenburg
Charles Valentine Hesselbach, A.B.	David Charles Serber
	Edward De Voe Tompkins

[9]

DEGREE OF ELECTRICAL ENGINEER

John Lorillard Arden, Ph.B.	Ambrose Monell, Jr.
Solomon D. Benoliel, B.S.	Charles Langdon Perry
Horace Dowie, A.B.	Elliot Mathews Sergeant
Richard David Godley, Jr.	Walter Irvine Slichter
Herbert Durand Hawks	Samuel George Fitzhugh Townsend,
George Gustav Heye	A.B.
Charles Edward Hyatt	Dana Clemmer Wells, A.B.
Paul MacGahan	George William Lane Woodruff,
	Ph.B.

[15]

DEGREE OF METALLURGICAL ENGINEER

[1] Charles Shepard Witherell

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Analytical and Applied Chemistry)

Joseph Lowenstein	William Cullen Uhlig
Arthur Metzger	Arthur Pine Van Gelder

[4]

DEGREE OF BACHELOR OF PHILOSOPHY

(Course of Architecture)

Frederick Lacy Comstock, C.E.	William Oakley Raymond
James Musgrave Aertsen Darrach	Edward Isaac Shire
Lindley Murray Franklin, Jr.	Henry Stern
Goldwin Goldsmith	William Gabriel Tachau
Donald MacGregor	Max Bernard Toch
Hardman Philips Alan Montgomery	Josiah Thomas Tubby, Jr.
George Tremaine Morse	Boyd Van Benthuyzen
Edward Necarsulmer	Joseph Van Vleck, Jr.

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Minuetto della Regina (Vogrich)

ORCHESTRA

VIII. Conferring of the Degrees of Master of Arts and Doctor of Philosophy

DEGREE OF MASTER OF ARTS

Arthur Russell Bauder B.S., Case School of Applied Science, 1889.	Bernard Milton Cone A.B., Johns Hopkins University, 1894.
Solomon D. Benoiel B.S., College of the City of New York, 1893.	Joseph Germain Charles Cottier M.E., Stevens Institute of Technology, 1894.
James Fuller Berry A.B., Columbia University, 1894.	Eugene Howell Daly A.B., Columbia University, 1894.
Marion Stanley Blake A.B., Vassar College, 1893.	Schuyler Emerson Day A.B., Columbia University, 1895.
John Williams Brady A.B., Yale University, 1890.	William Sanford Evans A.B., Columbia University, 1895.
Russell Ely Burke A.B., Columbia University, 1894.	William Oscar Gennert A.B., Columbia University, 1895.
Frank Wadleigh Chandler A.B., Brooklyn Polytechnic Institute, 1894.	Felix Mortimer Gernsheim A.B., Columbia University, 1895.
Thomas Ayres Church A.B., Marietta College, 1890.	Frederick Christopher Grant A.B., Rutgers College, 1894.
Martha Reynolds Clarke A.B., Brown University, 1895.	Otto Theodore Hess A.B., Columbia University, 1894.
	Delos Holden B.S., University of Colorado, 1893.

- James Cox Howell
A.B., Columbia University, 1894.
- Cassius Jackson Keyser
B.S., Missouri State University, 1892.
- Chalmers Kilbourn
A.B., Trinity University, Texas, 1893.
- Arthur Kline Kuhn
A.B., Columbia University, 1895.
- Will David Landis
A.B., Cumberland University, 1893.
- Frederick Houk Law
A.B., Amherst College, 1895.
- George Alfred Lawrence
A.B., Leland Stanford Jr. University, 1892; M.D., Columbia University, 1895.
- Ralph Griffith Levering
A.B., Maryville College, 1895.
- Campbell Eric Locke
A.B., Columbia University, 1894.
- James Howard McGregor
B.S., Ohio State University, 1894.
- Simon James McLean
A.B., University of Toronto, 1894; LL.B., 1895.
- William Thomas Mason
A.B., Columbia University, 1895.
- Ernest Carroll Moore
A.B., Ohio Normal University, 1892; LL.B., 1894.
- Elizabeth Frances Nammack
A.B., Columbia University, 1895.
- Charles Percy O'Connor
B.S., Brooklyn Polytechnic Institute, 1892.
- Max Osterberg
E.E., Columbia University, 1894.
- Jean Culbert Palmer
A.B., Vassar College, 1893.
- Edward Russell Perry
A.B., Lincoln University, 1891.
- Henry Perry Pogson
A.B., Columbia University, 1895.
- Elias Podryabinnick Robinson
B.S., University of the City of New York, 1893.
- Henry Clapp Sherman
B.S., Maryland Agricultural College, 1893.
- James Franklin Smith
A.B., Bethel College, 1892.
- Percy Hilton Smith
B.S., Alabama Polytechnic Institute, 1895.
- Edward Gleason Spaulding
B.S., University of Vermont, 1894.
- Alice Sterne
A.B., Smith College, 1891; M.C.P., College of Preceptors, London, Eng., 1894.
- Amey Talbot Taintor
B.L., Smith College, 1895.
- Frank Leo Tufts
A.B., Harvard University, 1894.
- John Garrett Underhill
A.B., Brooklyn Polytechnic Institute, 1894.
- Henry Ayres Uterhart
A.B., Columbia University, 1894.
- Henry Gustavus Vick
A.B., University of North Dakota, 1893.
- Edward Henry Warren
A.B., Harvard University, 1895.
- Frederick DeWitt Wells
A.B., Columbia University, 1894.
- Theodore Greely White
Ph.B., Columbia University, 1894.
- Elizabeth Sprague Williams
B.S., Smith College, 1891.
- Harriet Winfield
A.B., Wellesley College, 1887.
- Joseph Alexander Wright
Ph.B., De Pauw University, 1894.

DEGREE OF DOCTOR OF PHILOSOPHY

William Rosenzweig Arnold

A.B., Ohio Wesleyan University, 1892.
Title of dissertation : Ancient Babylonian Temple-Records in the Columbia University Library.

Joseph Frederic Berg

A.B., Rutgers College, 1892.
Title of dissertation : The Influence of the Septuagint upon the Pesitta Psalter.

Harold Jacoby

A.B., Columbia University, 1885.
Title of dissertation : Sur la Réduction des Clichés Astrophotographiques.

George Herbert Ling

A.B., University of Toronto, 1893 ;
A.M., Columbia University, 1894.
Title of Dissertation : Concerning the Solution of a certain Differential Equation which presents itself in Laplace's Dynamical Theory of the Tides.

Frederic Ludlow Luqueer

A.B., Columbia University, 1894.
Title of dissertation : Hegel as Educator.

[10]

Lewis Freeman Mott

B.S., College of the City of New York, 1883 ; M.S., 1885.
Title of dissertation : The *Code of Courtly Love* studied as an Introduction to Dante's *Vita Nuova*.

Heinrich Ries

Ph.B., Columbia University, 1892 ;
A.M., 1894.
Title of Dissertation : The Pyroxenes of New York State.

William Robert Shepherd

A.B., Columbia University, 1893 ; A.M., 1894.
Title of dissertation : History of Proprietary Government in Pennsylvania.

Oliver Smith Strong

A.B., Princeton University, 1886 ; A.M., Columbia University, 1892.
Title of dissertation : The Cranial Nerves of Amphibia.

Delos Franklin Wilcox

A.B., University of Michigan, 1894 ;
A.M., 1895.
Title of dissertation : Municipal Government in Michigan and Ohio.

IX. Conferring of Honorary Degrees

DEGREE OF MASTER OF ARTS

SAMUEL PUTNAM AVERY, Esq.

Presented by

Professor WILLIAM R. WARE

DEGREE OF DOCTOR OF LAWS

CHARLES CARTER HARRISON, A.M.

Provost of the University of Pennsylvania

Presented by

Professor NICHOLAS MURRAY BUTLER

Morceau
Narcissus (Nevin)

ORCHESTRA

X. Benediction

By the Chaplain of the University

Selection
College Airs
ORCHESTRA

COMMITTEE OF ARRANGEMENTS

WILLIAM CULLEN UHLIG, General Chairman

FREDERICK AUGUSTUS PETERS, Grand Marshal

COLUMBIA COLLEGE

GRANVILLE INGRAHAM BURR,
Chairman
FREDERICK AUGUSTUS PETERS,
IRVING LEHMAN

SCHOOL OF LAW

HARRY SAMUEL BANDLER, Chairman
SOLOMON CHARLES BERNSTEIN
CAMPBELL ERIE LOCKE

COLLEGE OF PHYSICIANS AND SURGEONS

ARTHUR THOMAS McCORMACK,
Chairman
JAMES EDWARD CAMPBELL,
EDWARD AUGUSTUS BLOUNT, JR.

SCHOOL OF MINES

AMBROSE MONELL, JR., Chairman
ALLAN JAY CLARK
WILLIAM CULLEN UHLIG

SCHOOLS OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

EDWARD GLEASON SPAULDING

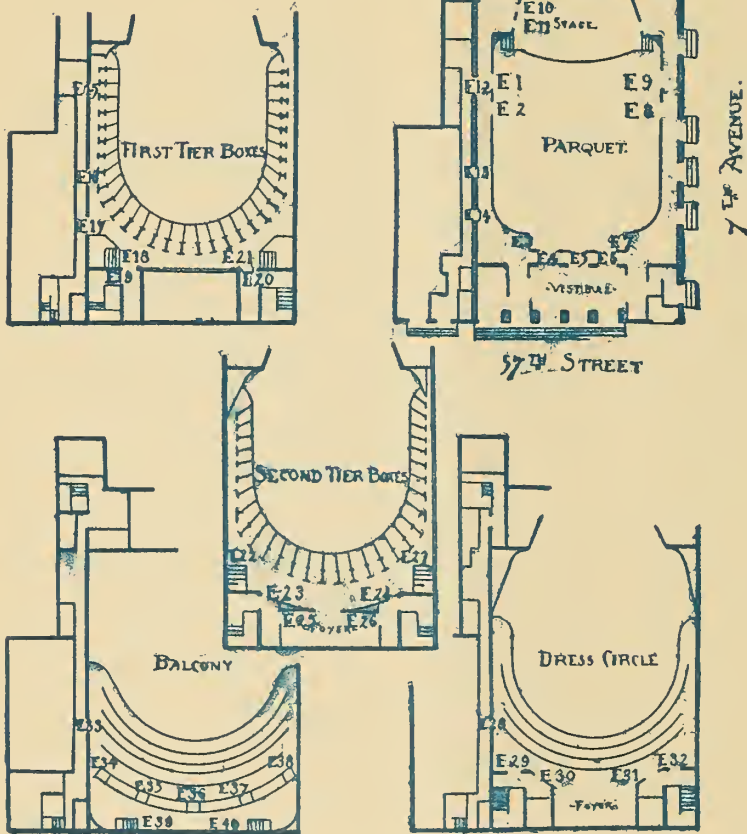
BARNARD COLLEGE

ADA HINDE HART

FACULTY MARSHALS

LIVINGSTON FARRAND, M.D.
EDMUND H. MILLER, Ph.D.
BENJAMIN DURVEA WOODWARD, Ph.D.
CLARENCE HOFFMAN YOUNG, Ph.D.

"MUSIC HALL,
57TH ST. AND 7TH AVE.
DIAGRAM OF EXITS.



PARQUET.
Exits 1, 2, 3, 7, 8, 9
 To Corridor
 " 4, 5, 6
 To Main Vestibule
 " 10, 11
 To 56th Street
 " 12, 13, 14
 To 57th Street

FIRST TIER BOXES.
Exits 15, 16, 17
 To 57th Street
 " 18, 21
 To Parquet Corridor
Exit 19, To Main Vestibule
 and 57th Street
 " 20, To Main Vestibule
 and 7th Avenue

SECOND TIER BOXES.
Exits 22, 27
 To Parquet Corridor
 " 23, 25
 To Main Vestibule
 and 57th Street
 " 24, 20
 To Main Vestibule
 and 7th Avenue

DRESS CIRCLE.
Exit 28,
 To 56th and 57th Streets
Exits 29, 30
 To Main Vestibule
 and 57th Street
 " 31, 32
 To Main Vestibule
 and 7th Avenue

BALCONY.
Exit 33
 To 56th and 57th Streets
Exits 34, 35, 36, 37, 38, 39, 40
 To Main Vestibule, 57th
 Street and 7th Avenue

Note: All Exits are marked E.



Columbia University
in the City of New York

ONE HUNDRED AND FORTY-THIRD

ANNUAL COMMENCEMENT

CARNEGIE MUSIC HALL



JUNE 9, 1897

MUSIC
BY
THE AMERICAN SYMPHONY ORCHESTRA

MR. SAM FRANKO
DIRECTOR

Gift
The University
25 My 00



Order of Exercises

Overture
Ruy Blas (Mendelssohn)
ORCHESTRA

March
Die Folkunger (Kretzschmer)
ORCHESTRA

I. Prayer By the Chaplain Emeritus of the University

Andante from
Peer Gynt (Grieg)
ORCHESTRA

II. Address by the President of the University

Malagueña, Boabdil (Moszkowski)
ORCHESTRA

III. Award of Prizes and Fellowships
Columbia College

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class.

Given annually by the Alumni Association of the College ; value, \$50.

Three candidates are selected by the Faculty and submitted to the class, who choose one of the three to receive the prize.

CHANLER HISTORICAL PRIZE

Income of a fund of \$1000, bequeathed by J. Winthrop Chanler, of the Class of 1847; given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government in America, or some other historical subject assigned by the Faculty.

ANNOUNCEMENT OF SOPHOMORE, JUNIOR, AND FINAL HONORS

College of Physicians and Surgeons

ALUMNI ASSOCIATION FELLOWSHIPS

Three Fellowships, provision for which is made annually by the Alumni Association, are open to graduates of the College of Physicians and Surgeons who have shown special aptitude for scientific research in the department of anatomy, physiology, or pathology. They are to be held for a period of one year, and have an annual value of \$500 each. The appointments are made by the Executive Committee of the Alumni Association from candidates presented by the professor of anatomy, the professor of physiology, and the director of the pathological laboratory.

CARTWRIGHT PRIZE

This is a biennial prize of \$500 open for universal competition. It is awarded for the best medical essay submitted upon any subject the writer may select, and is open to competition in alternate years with the Alumni Association Prize.

STEVENS TRIENNIAL PRIZE

Established by the late Alexander Hodgdon Stevens, M.D., formerly president of the College of Physicians and Surgeons.

The prize, awarded triennially, and consisting of the interest yielded by the principal fund during three years, amounts to \$200. It is awarded only to such essays as are sufficiently meritorious and include the results of original research by the writer upon the subject chosen.

In 1897 this prize will be given to the best medical essay submitted, upon any subject the writer may select.

JOSEPH MATHER SMITH PRIZE

Founded as a memorial of the late Professor Smith. Annual prize of \$100 for the best essay on a medical subject presented by an alumnus of the College of Physicians and Surgeons.

School of Architecture

McKIM FELLOWSHIP IN ARCHITECTURE

Founded by Mr. Charles F. McKim, in 1891 ; value \$2000 ; open for competition every two years to graduates of the School of Architecture under thirty years of age. The winner must devote at least two years to study and travel in Europe ; ten months in each year must be spent in study in the American School of Architecture at Rome.

School of Political Science

JAMES GORDON BENNETT PRIZE IN POLITICAL SCIENCE

Annual Prize of \$50 for the best essay in English prose upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. Founded by James Gordon Bennett, and open to Seniors in Columbia College and other candidates for the baccalaureate degree in arts, letters, or philosophy, provided they take courses amounting to six hours a week in the School of Political Science. Subject for 1897 : The Policy of the United States with Reference to Hawaii and Samoa.

PRIZE LECTURESHIPS

Founded by the Trustees ; three in number, each of an annual value of \$500, and tenable for three years ; one awarded each year ; appointment made on the recommendation of the Faculty from the members of the Academy of Political Science.

TOPPAN PRIZE

A prize of \$150, known as the Robert N. Toppan prize, is awarded annually to the member of the graduating class who passes the best written examination upon a paper prepared by the professor in charge of the Department of Constitutional Law.

Barnard College

KOHN MATHEMATICAL PRIZE

Value \$50

SOPHOMORE CHEMISTRY PRIZE

Value \$25

John Tyndall Fellowship for the Encouragement of Research in Physics

Awarded annually on the recommendation of the head of the Department of Physics; value, the income of \$10,800 (the fund presented to the University by Professor Tyndall), which the Trustees guarantee shall be at least \$648 a year.

Hungarian Dances (Brahms)

ORCHESTRA

IV. Conferring of the Degree of Bachelor of Arts

COLUMBIA COLLEGE

Woodward Babcock	Samuel Wilkinson Maguire
Philip Bissell	Arthur Lockett Marvin
Theodore Lawrence Bogert	Edward Gibbs Merrill
Arthur Bookman	Nathan Orcutt Petty
Philip Ernest Brodt	John Hill Prentice
Frank Hoag Brooks	Reginald William Grant Pressprich
Frederick Hassard Cluff	Albert William Putnam
William Theobald Dempsey	Franklin Edwin Reese
Francis Harold Dike	Charles Chapin Sargent, Jr.
Walter Strong Edwards	Henry Hathorn Sawyer
Francis Bertram Elgas	George Washington Senftner
Charles Henry Ellard	William Seward Shanahan
Harry Harkness Flagler	Robert Willis Shearman
William Henry Fry	Paul Shimmon
Seymour Keyes Fuller	Oliver Smith
Benjamin Thorn Gilbert	Erastus Burrows Soper, Jr.
Arthur Benedict Griffin	Eugene Edward Spiegelberg
William Boone Gunton	Arthur Barnett Spingarn
Edgar Arnold Hellman	Morris Lincoln Strauss
Walter Leon Hess	Edwin Platt Tanner
Charles Knap Hitchcock, Jr.	Faneuil Suydam Weisse
Bernard Michael Kaplan	George Wilson Wharton
Jacob Lester Lewine	Charles Frederick Wheaton
Stephen Lindenfelser	Isaac Yohannan
John Henry Lyon	Alexander Henry William Zerban

[50]

BARNARD COLLEGE

Agnes Baldwin
Adelaide Wells Brown
Edith Phoebe Bucknam
Mary Bergmann Dobbs
Florence Anderson Dowden
Louise Brisbin Dunn
Estelle Elkus
Grace Lovina Fenton
Alice Medora Ferry
Nellie Priscilla Fletcher

[20]

Cordelia Alma Hall
Anna Mary Locke
Myra Emilie Matthews
Edith Rice Sackett
Louise Shaw
Aline Croquet Stratford
Anne Porter Sumner
Lillian Mary Uppercu
Adaline Caswell Wheelock
Maude Wilcox

V. Conferring of the Degree of Bachelor of Laws

Henry S. Acken
William Boss Arnold
Lawrence Atterbury, A. B.
Grosvenor Hyde Backus, A.B.
Henry Burr Barnes, Jr., A.B.
George Raimes Beach
Alfred Wreaks Booraem
Emanuel Siegfried Cahn, B.S.
George Bowen Case, A.B.
Solomon A. Cohn, A.B.
Bernard M. Cone, A.M.
Alexander Mitchell Crane, A.B.
Lee Sumner Day
Ewing Leo Deputy
Archibald Douglas
Frederick Dwight, A.B.
Jesse W. Ehrich, A.B.
Robert W. B. Elliott, A.M.
John Ewen, A.B.
Moses Feltenstein
Mortimer Kennedy Flagg
David Joseph Fox, B. S.
Clarence Randolph Freeman, A.B.
Albert Fullerton, A. B.
Charles Monteith Gilpin, A. B.
Meredith Hare, A.B.

Montgomery Hare, A.B.
Harry Mason Hewitt
William Henry Hirsh, A.M.
Edwin O. Holter, A.B.
James C. Howell, A.M.
Robert Hamilton Hutchins, A.M.
Maurice Samuel Hyman, A.B.
Ralph Henry Johnson, A.B.
James T. Kilbreth, Jr., A.B.
Maulsby Kimball, A.B.
Arthur Kline Kuhn, A.M.
Edward Lazansky, A.B.
Walter Henry Liebmann, A.B.
Gerald Arthur Lowe
Charles Eddy McCarthy
William Townsend McCoun, Jr.
Frank Heath Mason
William Thomas Mason, A.M.
Arthur Mayer
Samuel M. Michel
Walter Jefferson Moore, A.B.
Adam Gordon Norrie, A.B.
Benjamin G. Paskusz, A.M.
Isidor Pendas, Jr.
Henry Berry Pogson, A.B.
Frank Lyon Polk, A.B.

Edward Anson Prentice
Arthur M. Price
John Gordon Quigley, A.B.
Charles Conway Reiley
William Delamater Riter
Paul Brown Scarff, A.B.
Henry Schoenherr, Jr.
Walter Stanley Schutz, A.B.
Edward Augustus Selfridge, Jr.,
Ph.B.

Frederic White Shepard, A.B.
Henry Steinert, Jr.
Samuel Sturtz
Laurence Arnold Tanzer, A.B.
Stephen Fraser Thayer, A.B.
Nathaniel Compton Toms
Edward Le Clerc Vogt, Jr.
Richmond Weed, A.B.
Abraham Wielar
James Dawes Williams, A.B.

Samuel Lee Wolff, A.M.

[72]

VI. Conferring of the Degree of Doctor of Medicine

NOTE: Owing to the installation of a four-years' course in Medicine in place of the former three-years' course, a full class is not graduated from the College of Physicians and Surgeons this year.

THE HIPPOCRATIC OATH
will first be administered by

JOHN G. CURTIS, M.D.,
of the College of Physicians and Surgeons

Isidoro Pablo Agostini
Raoul Arthur Amador
Thomas William Barrett
Charles Sweetser Benson
Frederick Leslie Benton, B.S.
Louis Albert Sayre Bodine
Abram Caspe, A.B., B.S.
Albert King Chipp
Henry Maclean Crawford
Edward Otis Cummings
Joseph Smith Dodd
Joseph Anthony Frasier
William Francis Fuchs
Charles Albert Greenleaf
William Leo Hetherington
William Lawrence Kantor
Sumner Butler Banks Kingsley
Theodore Morse Koupal
Edward Genung Nugent, A.B.
Pedro de Obarrio

Charles Ray Otis
Frank Elmer Pagett
Edwin Obediah Palmer
Jonathan Manning Roberts
Peter Schaeffler, Jr.
Raymond Wilbur Shattuck
Charles Daniel Steenken, A.B.
Walter Timme, B.S.
Leo Tobias, B.S.
Adolph Urban, B.S.
Ignacio Vado, Jr., A.B.
Frank M. Van Orden, A.B.
Henry Palmerston Vaughan, A.B.
Alfred Cole Wallin
Lyman Hall Wheeler
Elmer George Wherry, A.B.
Harry Draper White
Daniel Woodbury Wynkoop
William Edwin Williams
John Louis Zabala, B.S.

[40]

VII. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engineer, and Bachelor of Science

DEGREE OF ENGINEER OF MINES

Alexander Morrison Brown	Louis Victor Emanuel
Josiah Huntoon Clark	Charles Herman Fulton
William Stewart Davidson	Newton Booth Knox
John Campbell Maben, Jr.	

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DEGREE OF CIVIL ENGINEER

David Elder Baxter	Herman Philip Ralph
Frederick Coykendall	Charles Edward Rogers
Alexander Simpson Farmer	John Huntting Sayres
Abner Winthrop Gill	Walter William Schlecht
John Wesley Goodridge	Isaac Stander
John Henry Madden	Rowland Gilbert Tibbals
Seymour Perkins	Lazarus White

[14]

DEGREE OF ELECTRICAL ENGINEER

Ernest Kempton Adams, Ph.B.	Leo Walter Hildburgh
Walter Clymer Barnes	Frederick Montgomery Holbrook
Putnam Asbury Bates	James Barnes Humphreys
John Jacob Bellman	Richard Koch
Reed Raymond Bishop	Max Loewenthal
Emil Christian Boerner, Jr.	John Malcolm McLean
Harris Sutton Burroughs	Charles William MacMullen
Henri George Francis James Chatain	George Willard Magalhaes
Charles Martin Clark	Leo Raphael Manheims
Clarence Lyman Collins, 2nd, Ph.B.	Herman Alfred Prosser
Stewart Hooker Crampton	George Washington Regan
Dexter Newell Force, Jr.	Joseph Suydam Stout, Jr., A.B.
George Frederick Haldy, B.S.	Christopher Van Deventer
William Van Bergen Van Dyck, B.S.	

[27]

DEGREE OF BACHELOR OF SCIENCE

(Course in Analytical and Applied Chemistry)

August Henry Gotthelf	Emil Justus Riederer
Henry St. John Hyde	Charles Adolph Waldenberger

[4]

DEGREE OF BACHELOR OF SCIENCE

(Course in Architecture)

George Abraham Boehm
Herbert Wheaton Congdon
Henry Herz
Edwin Kaufmann
William George Kilian
James Bruce McClelland
George Washington Rappold
Oscar Bloodgood Smith, Jr.
Alfred Samuel Guido Taylor, A.B.

[9]

VIII. Conferring of the Degree of Master of Arts

Bernard Alexander
A.B., Columbia College, 1896.

Helen Culbertson Annan
A.B., Bryn Mawr College, 1891.

Edward Atkinson Bayles
A.B., Columbia College, 1896.

Ralph Lionel Brydges
Graduate of Wycliffe College, Toronto,
1893.

Louisa Sewall Cheever
A.B., Smith College, 1890.

Elsie Worthington Clews
A.B., Columbia University (Barnard
College), 1896.

David Cohn
A.B., Columbia College, 1896.

Maurice Cohn
A.B., Columbia College, 1896.

Thomas Coleman
A.B., Marietta College, 1893.

Frederick Coykendall
A.B., Columbia College, 1895.

John Howard Dynes
A.B., Adelbert College, 1891.

Oscar Weeks Ehrhorn
A.B., College of the City of New York,
1895.

Abram Howry Espenshade
A.B., Wesleyan University, 1894.

Carl Hitchcock Fowler
A.B., University of Minnesota, 1896.

David Joseph Fox
B.S., College of the City of New York,
1894.

James Joseph Franc
Ph.B., University of Michigan, 1896.

Carrie Hammerslough
A.B., Columbia University (Barnard
College), 1896.

Daniel W. Harrington
M.D., Columbia University, 1888; A.B.,
Leland Stanford, Jr. University, 1896.

William Henry Hays
A.B., Columbia College, 1896.

Henry Budd Howell
A.B., Lafayette College, 1886.

Ernest Valentine Hubbard
A.B., Columbia College, 1894.

Gardner Kirk Hudson
A.B., Brown University, 1896.

Edith Josephine Hulbert
A.B., Vassar College, 1894.

Alice Mapelsden Keys
A.B., Columbia University (Barnard
College), 1893.

William Herbert King
B.S., Massachusetts Institute of Tech-
nology, 1894.

Herbert Allan Knox
A.B., College of the City of New York,
1896.

- Horatio Sheafe Krans
A.B., Columbia College, 1894.
- Walter Coluzzi Kretz
A.B., Columbia College, 1896.
- Alfred Louis Kroeber
A.B., Columbia College, 1896.
- James Thomas Aloysius Lee
B.S., College of the City of New York,
1896.
- Leffert Lefferts
A.B., Columbia College, 1893.
- Irving Lehman
A.B., Columbia College, 1896.
- Frederick Montgomery Livingston
A.B., Columbia College, 1896.
- Alexander Rice McKim
B.S., Massachusetts Institute of Tech-
nology, 1886.
- Mary Dorsey McMurtrie
A.B., Bryn Mawr College, 1889.
- Charles Edward Merriam, Jr.
A.B., State University of Iowa, 1895.
- William Arthur Dunlap Moore
A.B., Yale University, 1895.
- Leonard Jerome Obermeier
A.B., Columbia College, 1896.
- Mabel Parsons
A.B., Columbia University (Barnard
College), 1895.
- Charles Paul Ernest Peugnet
C.E., Columbia University, 1895.
- Warren Waverly Phelan
A.B., Columbia College, 1894.
- William Popper
A.B., Columbia College, 1896.
- Hugo Radau
Testimonium Maturitatis, Gymnasium
at Friedland, Prussia, 1890; S.T.B.,
General Theological Seminary, N. Y.,
1896.
- Frederic Newton Raymond
A.B., University of Kansas, 1896.
- Arthur Frank Joseph Remy
A.B., College of the City of New York,
1890.
- Frank Schlesinger
B.S., College of the City of New York,
1890.
- Samuel Swayze Seward, Jr.
A.B., Columbia College, 1896.
- Jessie Frances Smith
A.B., Vassar College, 1880.
- Joseph Suydam Stout, Jr.
A.B., Columbia College, 1895.
- George Cornell Tarler
B.S., College of the City of New York,
1895.
- Joseph Russell Taylor
A.B., Ohio State University, 1887.
- William Ransom Tuttle
A.B., Olivet College, 1894; B.S., 1894.
- Oscar Wagner
B.S., College of the City of New York,
1896.
- Helen Isabel Whiton
A.B., Smith College, 1894.
- Chester James Wilcomb
A.B., Harvard College, 1895.
- Clara Louise Ziegler
A.B., Oberlin College, 1890.
- Christian Charles Herman Zillman
B.S., Missouri State University.

IX. Conferring of the Degree of Doctor of Philosophy

Arthur Beatty

A.B., University of Toronto, 1893.
Title of dissertation : Browning's Verse-Form ; Its Organic Character.

Ludwig Bernstein

Testimonium Maturitatis, Gymnasium at Mitau, Russia, 1890 ; A.M. Columbia University, 1894.
Title of Dissertation : The Order of Words in Old Norse Prose.

Charles Ernest Chadsey

A.B., Leland Stanford, Jr., University, 1892 ; A.M., 1893 ; A.M., Columbia University, 1894.
Title of dissertation : The Struggle between President Johnson and Congress over Reconstruction.

Harry Alonzo Cushing

A.B., Amherst College, 1891 ; A.M., Columbia University, 1894.
Title of dissertation : The History of the Transition from Provincial to Commonwealth Government in Massachusetts.

Charles Franklin Emerick

A.B., Wittenberg College, 1889 ; A.M., 1892 ; Ph.M., University of Michigan, 1895 ; M.S., Michigan Agricultural College, 1891.
Title of dissertation : An Analysis of Agricultural Discontent in the United States.

Henry Crosby Emery

A.B., Bowdoin College, 1892 ; A.M., Harvard University, 1893.
Title of dissertation : Speculation in Stock and Produce Exchanges in the United States.

Ernst Freund

J.U.D., University of Heidelberg, 1894.
Title of Dissertation : The Theory of Corporate Existence.

Milo Roy Maltbie

Ph.B., Upper Iowa University, 1892 ; Ph.M., Northwestern University, 1893.
Title of dissertation : English Local Government of To-day.

Albert Schneider

M.D., College of Physicians and Surgeons, Chicago, 1887 ; M.S., University of Minnesota, 1894.
Title of dissertation : A Text-book of General Lichenology.

Henry Clapp Sherman

B.S., Maryland Agricultural College, 1893 ; A.M., Columbia University, 1896.
Title of dissertation : The Insoluble Carbohydrates of Wheat.

Francis Raymond Stark

A.B., College of St. Francis Xavier, N. Y., 1893 ; A.M., 1894 ; LL.B., Columbia University, 1896.
Title of dissertation : The Abolition of Privateering and the Declaration of Paris.

Frank Leo Tufts

B.S., Antioch College, 1891 ; A.B., Harvard University, 1894 ; A.M., Columbia University, 1896.
Title of dissertation : The New Flicker Photometry.

Ansel Augustus Tyler

A.B., Lafayette College, 1892 ; A.M., 1895.
Title of dissertation : The Nature and Origin of Stipules.

Walter Shepard Ufford

A.B., Amherst College, 1882 ; A.M., 1885.
Title of dissertation : Fresh Air Charity in the United States.

William Clarence Webster

A.B., Albion College, 1887.
Title of Dissertation : Recent Centralizing Tendencies in State Educational Administration.

Hymn to St. Cecilia (Gounod)

ORCHESTRA

X. Conferring of Honorary Degrees

DEGREE OF DOCTOR OF LAWS

RT. REV. HENRY YATES SATTERLEE

Bishop of Washington

Presented by

Professor EDWARD DELAVAN PERRY

Angelus (Mackenzie)

ORCHESTRA

XI. Benediction

By the Chaplain of the University

Selection

College Airs

ORCHESTRA

COMMITTEE OF ARRANGEMENTS

PUTNAM ASBURY BATES, General Chairman

GEORGE RAIMES BEACH, Grand Marshal

COLUMBIA COLLEGE

FRANCIS HAROLD DIKE, Chairman
FRANK HOAG BROOKS
STEPHEN LINDENFELSER

SCHOOL OF LAW

FRANK LYON POLK, A.B., Chairman
GEORGE RAIMES BEACH
WILLIAM BOSS ARNOLD

COLLEGE OF PHYSICIANS AND SURGEONS

DANIEL WOODBURY WYNKOOP

SCHOOLS OF APPLIED SCIENCE

SEYMOUR PERKINS, Chairman
PUTNAM ASBURY BATES
ALFRED SAMUEL GUIDO TAYLOR,
A.B.

SCHOOLS OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

WILLIAM ARTHUR DUNLAP MOORE, A.B.

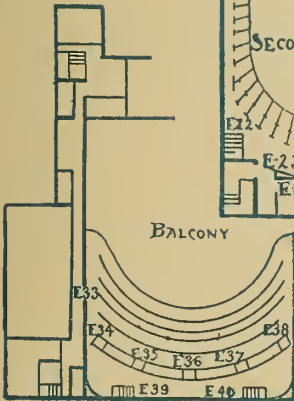
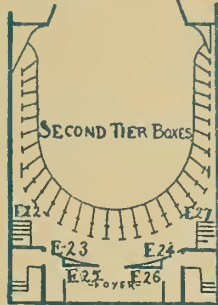
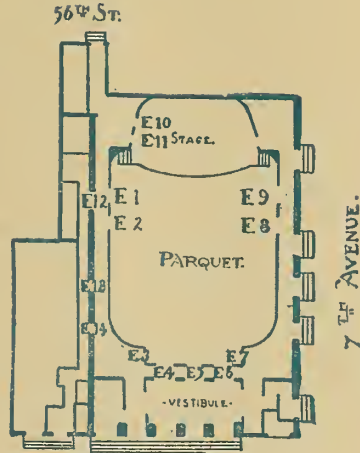
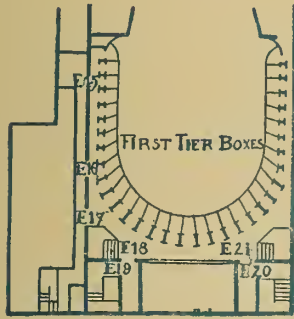
BARNARD COLLEGE

CARRIE HAMMERSLOUGH, A.B.
LOUISE BRISBIN DUNN
ADALINE CASWELL WHEELOCK

FACULTY MARSHALS

CHURCHILL CARMALT, M.D.
EDMUND H. MILLER, Ph.D.
BENJAMIN DURYEA WOODWARD, Ph.D.
CLARENCE HOFFMAN YOUNG, Ph.D.

"MUSIC HALL"
57TH ST. AND 7TH AVE.
DIAGRAM OF EXITS.



PARQUET.

- Exits 1, 2, 3, 7, 8, 9
To Corridor
- " 4, 5, 6
To Main Vestibule
- " 10, 11
To 56th Street
- " 12, 13, 14
To 57th Street

FIRST TIER BOXES.

- Exits 15, 16, 17
To 57th Street
- " 18, 21
To Parquet Corridor
- Exit 19, To Main Vestibule
and 57th Street
- " 20, To Main Vestibule
and 7th Avenue

SECOND TIER BOXES.

- Exits 22, 27
To Parquet Corridor
- " 23, 25
To Main Vestibule
and 57th Street
- " 24, 26
To Main Vestibule
and 7th Avenue

DRESS CIRCLE.

- Exit 28,
To 56th and 57th Streets
- Exits 29, 30
To Main Vestibule
and 57th Street
- " 31, 32
To Main Vestibule
and 7th Avenue

BALCONY.

- Exit 33
To 56th and 57th Streets
- Exits 34, 35, 36, 37, 38, 39, 40
To Main Vestibule, 57th
Street and 7th Avenue

Note: All Exits are marked E.





Columbia University
in the City of New York

ONE HUNDRED AND FORTY-FOURTH

ANNUAL COMMENCEMENT

JUNE 8, 1898

MUSIC
BY
THE AMERICAN SYMPHONY ORCHESTRA

MR. SAM FRANKO
DIRECTOR

Gift
The University
25 My 06

Order of Exercises

Overture
Jubilee (Weber)
ORCHESTRA

March
Tannhäuser (Wagner)
ORCHESTRA

I. Prayer By the Chaplain Emeritus of the University

Andante from
Peer Gynt (Grieg)
ORCHESTRA

II. Address by the President of the University

Indian Dance (H. Waller)
ORCHESTRA

III. Award of Prizes and Fellowships
Columbia College

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class.

Given annually by the Alumni Association of the College; value, \$50.

Three candidates are selected by the Faculty and submitted to the class, who choose one of the three to receive the prize.

CHANLER HISTORICAL PRIZE

Income of a fund of \$1000, bequeathed by J. Winthrop Chanler, of the Class of 1847; given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government in America, or some other historical subject assigned by the Faculty.

ANNOUNCEMENT OF SOPHOMORE, JUNIOR, AND FINAL HONORS

Barnard College

KOHN MATHEMATICAL PRIZE

A prize of \$50, founded by Mrs. S. H. Kohn, is awarded annually to a member of the Senior Class for excellence in mathematics. Competitors must have pursued the study of mathematics continuously during their college course.

HERRMAN BOTANICAL PRIZE

A prize of \$50, founded by Mrs. Esther Herrman, is awarded annually to the most proficient undergraduate student of botany.

SOPHOMORE CHEMISTRY PRIZE

A prize of \$25 is awarded annually to a member of the Sophomore Class for excellence in chemistry.

HUBLITZELL MEDAL.

The Lavinia Carleton Hublitzell Memorial Medal, of the value of \$100, founded by Miss Lavinia Dempsey, is awarded annually to the member of the graduating class who shall present the best essay on a topic in American History.

College of Physicians and Surgeons

HARSEN PRIZES FOR PROFICIENCY AT EXAMINATION

Three prizes, valued respectively at \$500, \$300, and \$200. Awarded to the most meritorious competitors at examinations consisting of:

1. Examination in writing covering all the branches of medical teaching.
2. Examination upon the cadaver in practical anatomy.
3. Practical examinations in clinical medicine and clinical surgery conducted at the hospitals.

The competitors are the most proficient ten candidates for the degree of Doctor of Medicine, all of whom receive

EXAMINATION HONORS

Each of the ten Honor Men, who does not obtain a higher prize, receives a Harsen Prize of \$25.

HARSEN PRIZES FOR CLINICAL REPORTS

Founded by the late Jacob Harsen, M.D. Three annual prizes, valued respectively at \$150, \$75, and \$25 ; given, with a bronze medal, to each prize-winner, for the best reports in writing, by students of the College of Physicians and Surgeons, of the clinical instruction given at the New York Hospital during any four consecutive months of the academic year.

ALUMNI ASSOCIATION PRIZE

A biennial prize of \$500, open for competition to the alumni of the College. It is awarded for the best medical essay submitted upon any subject the writer may select, and is open to competition in alternate years with the Cartwright Prize.

JOSEPH MATHER SMITH PRIZE

Founded as a memorial of the late Professor Smith. Annual prize of \$100 for the best essay on a medical subject presented by an alumnus of the College of Physicians and Surgeons.

FELLOWSHIPS OF THE ALUMNI ASSOCIATION

Three Fellowships, provision for which is made annually by the Alumni Association, are open to graduates of the College of Physicians and Surgeons who have shown special aptitude for scientific research in the Department of Anatomy, Physiology, or Pathology. They are to be held for a period of two years, and have an annual value of five hundred dollars each. The appointments are made by the Executive Committee of the Alumni Association from candidates presented by the professor of anatomy, the professor of physiology, and the director of the pathological laboratory.

School of Architecture

COLUMBIA FELLOWSHIP IN ARCHITECTURE

Founded by the Trustees in recognition of the liberality of Mr. F. A. Schermerhorn to this School. One Fellowship of \$1300, to be devoted to foreign study and travel by the successful candidate. Open for competition every two years to all graduates in architecture under thirty years of age.

School of Political Science

JAMES GORDON BENNETT PRIZE IN POLITICAL SCIENCE

Annual Prize of \$50 for the best essay in English prose upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. Founded by James Gordon Bennett, and open to Seniors in Columbia College and other candidates for the baccalaureate degree in arts, letters, or philosophy, provided they take courses amounting to six hours a week in the School of Political Science. Subject for 1898: "The Future Policy of the United States in regard to Governmental Paper Currency."

PRIZE LECTURESHIPS

Founded by the Trustees: three in number, each of an annual value of \$500, and tenable for three years; one awarded each year; appointment made on the recommendation of the Faculty from the members of the Academy of Political Science.

TOPPAN PRIZE

A prize of \$150, known as the Robert N. Toppan prize, is awarded annually to the member of the graduating class who passes the best written examination upon a paper prepared by the professor in charge of the Department of Constitutional Law.

LOUBAT PRIZES

Two prizes, viz., a first prize of not less than \$1000, and a second prize of not less than \$400, founded by the gift of Mr. Joseph F. Loubat, are to be awarded in the year 1898, and in every fifth year thereafter, to the authors of the best works on the history, geography, archæology, ethnology, philology, or numismatics of North America. The competition for these prizes shall be

open to all persons, whether citizens of the United States or of any other country.

For the purpose of the award the subjects above named are divided into two groups, in which the award will be made alternately, viz.:

- (a) History, geography, and numismatics;
- (b) Archæology, ethnology, and philology.

The awards made in 1898 are conferred for works relating to subjects of the second group.

Barnard Fellowship for Encouraging Scientific Research

Awarded to a graduate of the College, or of the Schools of Mines, Chemistry, Engineering, and Architecture, who has evinced decided aptness for physical investigation, and is disposed to devote himself to such investigation for some years continuously. The Fellow is appointed by the University Council upon the joint recommendation of the Faculty of the College and the Faculty of Applied Science. Value: the net income of the capital sum constituting the endowment.

John Tyndall Fellowship for the Encouragement of Research in Physics

Awarded annually on the recommendation of the head of the Department of Physics. Value: the income of \$10,800 (the fund presented to the University by Professor Tyndall), which the Trustees guarantee shall be at least \$648 a year.

Henry Drisler Fellowship in Classical Philology

Established in 1894 in commemoration of the semi-centennial in the service of the University of Henry Drisler, LL.D., of the class of 1839, who held in the University the chairs of Latin and Greek. Value: \$500.

Intermezzo (H. K. Hadley)

ORCHESTRA

IV. Conferring of the Degree of Bachelor of Arts

Candidates presented by
Professor J. HOWARD VAN AMRINGE
Dean of Columbia College

COLUMBIA COLLEGE

Julius Alsberg	Albert Sydney Morrow
Ellery Oswald Anderson	Robert King Morse
Morton Knight Averill	John Waring Parks
Charles William Boote	Ferdinand Van Siclen Parr
Lucius Constant Bulkley	Robert Low Pierrepont
Charles Clinton Burke, Jr.	Ralph Brouwer Pomeroy
Frank Holmes Curry	Charles Joseph Pretzfeld
Ernest Warren Davenport	Henry Thomas Randall
John Woodbridge Demarest	Lothrop Randolph
Frank Depew	Gerard Roberts
Arthur Bull De Young	William Charles Sandy, Jr.
Frank Griggs Dresser	Jacob Smith Schlusel
Charles Hebard Edwards	Arthur Harold Schwarz
Lewis David Einstein	Joseph Barnard Solomon
Dexter Mason Ferry, Jr.	Nathan Stern
Harry Louis Haas	William Bittle Symmes, Jr.
Edwin Taylor Iglehart	Alvan Alonzo Tenney
Ernest Iselin	Stallo Vinton
George Richard Jacobus	Martin Heyman Vogel
Frederick Paul Keppel	Jesse Watson, Jr.
Arthur Lee	William Rogers Westerfield
Ernst Gustav Lemcke	Samuel Copp Worthen
John Fulton Berrien Mitchell, Jr.	Franklin Zeiger

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BARNARD COLLEGE

Fannie Isabel Alward	Mary Baldwin Moore
Clara de Lissa Berg	Susan Isabella Myers
Edith H. Boetzkes	Eleanor Frances Osborne
Louise Fuller De Hart	Alice Jane Grey Perkins
Anne Richardson Hall	Helen St. Clair
Jessie Wallace Hughan	Anna Irene Von Sholly
Louise Elizabeth Lacey	Ada Watterson
Ella Roselle Lathrop	Ida Eloise Wells
Anna E. H. Meyer	Elizabeth Heywood Wyman

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V. Conferring of the Degree of Bachelor of Laws

Candidates presented by

Professor WILLIAM A. KEENER

Dean of the Faculty of Law

Alexander Spear Andrews, A.B.	Sumner Hanauer
Wilbur Laing Ball, A.B.	Myron Harris
Anson McCook Beard, A.B.	Alfred Hayes, Jr., A.B.
Clinton Edward Bell, A.B.	Norman Swope Heindel
David Criswell Bennett, Jr., A.B.	George Place Hill
John Hull Brewster, Jr.	Frank Winfield Hubby, Jr., A.B.
Fred. Rhodes Burrows, Ph.B.	Francis Rader Hulick
Mortimer Wardler Byers	Robert Selden Huse, LL.B.
Benjamin Stickney Cable, A.B.	Franklin Johnson, Jr., A.B.
Herbert Lawton Coffin	Charles Joseph
David Cohn, A.M.	John Daniel Kaps
Maurice Cohn, A.M.	James Allison Kelly
Walter Evans Cooke, A.B.	Gustavus Town Kirby, E.E.
Edward Hamilton Daly, A.B.	Herman Frederick Krafft, A.B.
David Theodor Davis, A.B.	Irving Lehman, A.M.
Schuyler Emerson Day, A.B.	Charles Shaw Leonard, B.S.
Frank Henry Deal, LL.B.	Adolph Mitchell Leslie
Eugene Willis Denton	Frederick Montgomery Livingston, A.M.
Michael Doran, Jr., A.B.	Arthur Henry Longfellow, A.B.
Charles Frederic Eberle	Thomas Vincent Loughran, A.B.
Henry William Egner, Jr., A.B.	Leo Lawrence McLaughlin, A.B.
Oscar Weeks Ehrhorn, A.M.	Hubert Chambers Minard, A.M.
Benjamin Franklin Einbigler	Timothy J. Murray, A.B.
Jerome Eisner, B.S.	Leonard James Obermeier, Jr., A.M.
Richard Aston Elliott	William Thomas O'Donnell, A.B.
Franklin Elmore, A.B.	Arthur Wellington Opp
Henry Lane Eno	Porter Paddock, B.S.
Harry Louis Falk	David Parry
Edward James Farley, A.B.	James William Prendergast, Jr., A.M.
Edward Ridley Finch, A.B.	William Combs Ridgway
Charles Lewis Fleming, Jr.	Clifford Charles Roberts
Frederic Wellington Forsythe, B.L.	Alfred Roelker, Jr., A.B.
George Henry Dunton Foster, A.B.	James Naumburg Rosenberg, A.B.
Frederic Nye Gilbert	Allen Conn Rowe, A.B.
Herbert Goldmark, A.B.	John C. Rowe, A.B.
Ralph Campbell Greene	

Leo Schafran, B.S.
Samuel Adams Singerman
John P. Smith, A.B.
William Dick Sporborg
Benjamin Horace Stern, Ph.B.
Harlan Fiske Stone, B.S.
Ralph Alonzo Sturges, A.B.
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John Edwin Walker
Charles Rudolph Wendt
Arthur Werdenschlag, B.S.
Reginald Effingham Wigham
Arthur Kyle Wing
Jeremiah Wood

VI. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

Professor JAMES W. MCLANE, M.D.

Dean of the College of Physicians and Surgeons

by whom the candidates will also be presented

John Aquaro
Thomas Shaw Arbuthnot, A.B.
Joseph Walter Babcock
Samuel Barshell
Maxwell Benjamin
John Stanton Blackmar
James Eddy Blake, B.S.
James Francis Briody
Edward Manning Brown, Ph.B.
Charles Frederick Buckley, A.B.
Maynard Gooding Burgess
Archibald Henry Busby
William Caldwell Calhoun
Clarence Wellington Campbell
Spencer Carleton, A.B.
James Bayard Clark
Arthur Vernon Clarke
Henry Elisha Clarke
Martin Cohen
Lewis Gregory Cole
John James Collins, A.B.
John Hamilton Potter Conover, A.B.
Herbert Sutherland Cooley
Horace Cortelyou Cory
John James Cotter

Rowland Cox, Jr.
Hughes Dayton, Ph.B.
Nicholas Dobkin
Franklin Abbott Dorman, A.B.
Isaac Linton Doughty, Jr.
John Douglas, B.S.
Joseph Osterman Dyer, Ph.B., LL.B.
William Petry Earl
Francis Cruger Edgerton, B.S.
Eugene Harold Eising, B.S.
Charles Francis Fitzgerald, A.B.
Joseph Norman Fogarty
Benjamin Butler Frankle
Charles Moore Franklin, A.B.
Andrew Suydam Fritts
Arthur Henry Gardner
Henry Goodfriend
Malcolm Goodridge, A.B.
Herman Rudolph Alexander
Graeser, Ph.G.
Nathan Williams Green, A.B.
Leopold Frederick William Haas,
B.S.
Henry Clinton Hatton
Ruben Johnson Held

William Post Herrick, A.M.
 Harold Edmonds Hewlett, Ph.B.
 Roy Seymour Hinsdale, A.B.
 Charles James Howard
 Ernest Valentine Hubbard, A.M.
 Charles Frederick Hunt
 Charles William Ivie, A.M.
 Elias Simeon Jackson
 Henry Harrington Janeway, A.B.
 Ernest Potter Jenks, A.B.
 Daniel Herbert Johnson
 Edward West Johnson
 William Cameron Johnston
 Kenneth Evernghim Kellogg
 James Henry Kenyon, B.S.
 Carl Richard Keppler
 Eugene George Kessler, Ph.G.
 Walter Leo Kline, A.B.
 Walter Carl Klotz
 Samuel Joseph Kopetzky
 Henry Kreuder, Ph.G.
 Christian Christoph Andreas Lange,
 B.S.
 Daniel Wunderlich Layman, B.S.
 Emanuel David Lederman
 Burton James Lee, Ph.B.
 Harry Mower Lee
 Henry Thomas Lee, Jr.
 John Leshure
 George Washington Lindheim
 John Othello Logan
 William Henry Long, Jr.
 Lionel Hartsfield Love
 Joseph Tompkins Low, Jr., B.S.
 Palmer Heath Lyon
 Henry Alexander MacGruer
 Walter Fullarton Macklin
 Edward O'Reilly Maguire
 Edward John McCarthy
 Harlow Comstock McLeod
 John English McWhorter
 Howard Valentine Merrell
 Leo Bernard Meyer, A.B.
 Alfred Michaelis, A.B.

Albert Hersey Miller, A.B.
 Guy Bryan Miller, A.B.
 William Elphinstone Keith Mitten-
 dorf
 Browne Morgan
 Henry Perkins Moseley, A.B.
 Emil Alfred Müller
 Henry Nolte
 John Hilbert Oberle
 Joseph Henry O'Connell, A.B.
 Victor Cox Pedersen, A.M.
 Henry Hubbard Pelton, A.M.
 Judson Philbrook Pendleton
 Edgar Burton Probasco
 Norman Hayes Probasco
 Immanuel Pyle
 Dudley De Vore Roberts
 Joseph Robinson, Jr.
 Augustine Ward Roff
 Edward Aaron Rosenberg
 Henry Clay Ruhl, A.B.
 Emil Albin Rundquist, B.S.
 Stanley Owen Sabel
 Philip Schieffelin Sabine, A.B.
 Juan Bautista Sacasa
 George Reese Satterlee, A.B.
 George Alexander Saxe
 Herman Schwarz
 John Aloysius Shields
 Montgomery Hunt Sicard, B.S.
 Robert Newhall Smith, A.B.
 John Beach Solley, Jr., A.B.
 Frank Munson Stagg
 Henry M. Stock, B.S.
 Israel Strauss, A.B.
 James Robert Swanick
 Samuel Aaron Tannenbaum
 John Mortimer Taylor, A.B.
 Moses Thorner
 Ralph Tousey, A.B.
 Leslie Allin Turner
 Percy Rivington Turnure, A.B.
 Philip Schuyler Van Patten
 William Welsh Vibbert, A.B., A.M.

Charlton Wallace, A.B.
Ernest Coniston Waterhouse, A.B.
Justin Miner Waugh, Jr., Ph.B.
Walter Wettengel
David Everett Wheeler, A.B.
Charles Mallory Williams, A.B.,
Ph.B.
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Abraham Leo Wolbarst
William Cavan Woolsey
John Henry Wurthman, Ph.G.
Roy Demas Young, Phar.M., B.S.
William Bellamy Young

VII. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical En- gineer, Metallurgical Engineer, and Bachelor of Science

Candidates presented by
Professor HENRY S. MUNROE
Dean of the Faculty of Applied Science

DEGREE OF ENGINEER OF MINES

Alfred Chester Beatty	Otto Frederick Pattberg
George Sylvester Brackett	Juan Pablo Ros
Alexander James Campbell	Gustavus Sessinghaus
Louis Floro Chibas	William Allen Smith, Jr.
Richard M. Geppert	Edward Barney Sturgis
Rowland Francis Hill, Jr.	William Shephard Thomas, C.E.
Gordon Lines Hutchins	Harold Abbot Titcomb, A.B.
Henry Krumb	William Tudor, Jr., A.B.
James Ellwood Jones	William Watson
Irving Smith Lydecker	

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DEGREE OF CIVIL ENGINEER

George Lewis Bennett	Isaac Menline
Herbert Doty Brown, A.B.	Aaron Israel Raisman
Garwood Ferguson	William Ropes
Joseph Goodman	George Crosby Saunders
George Bain Gunn	John Schimmel, Jr., Mech. Eng.
Burdette Kipp	James Lloyd Tatlock
Joseph Albert Augustin Le Prince	Ramiro Trapote
George Latimore Lucas	Watson Vredenburg, Jr.
Francis Mason, A.B.	Hans Hermann Wolff

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DEGREE OF ELECTRICAL ENGINEER

George Christian Anthon
Morton Arendt
William Gibson Burns
John Thompson Conover
Edwin Howell Daly
Arthur Diamond Dunn
Emerson Foote, Jr.
Gouverneur Morris Haskell
William Phelps Jones
Theodore Harold Joseph
Hanford Chase Judson

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Johnston Livingston, Jr.
Gustavo Lobo
Christopher Meyer Lowther
Lucius Trowbridge Martin
William James McClure
Henry Bedinger Mitchell
Henry Coit Mortimer, Jr.
Mortimer Lewis Newman
Thomas Bloodgood Peck, Jr.
Juan Estevan Reyna
Bartow White Van Voorhis, 2nd.

DEGREE OF METALLURGICAL ENGINEER

William Arthur Bostwick

[2]

Victor Buchanan Buck

DEGREE OF BACHELOR OF SCIENCE

(Course in Analytical and Applied Chemistry)

Wray Annin Bentley
Eugene Helms Hodgson

[4]

Edmund Julius Levine
Harry Herbert Sutro

DEGREE OF BACHELOR OF SCIENCE

(Course in Architecture)

Henry Ludlow Beadel
Charles Howard Burnside, B.S.
Kenneth Lincoln Caswell
Theakston De Coppet
Louis Gottschall
Alfred Hermann Gumaer
Charles Sidney Haight
Hugh McLellan

[15]

Hugh Sisson Magruder, A.B.
James William O'Connor
William Aloysius O'Connor
Charles Ludwig Otto
William Edward Parsons
Arthur Ware
Raymond Duy Weekes

VIII. Conferring of the Degree of Master of Arts

Candidates presented by
Professor JOHN KROM REES
Secretary of the University Council

- | | |
|---|--|
| Ernest Kempton Adams
Ph.B., Yale University, 1896; E.E.,
Columbia University, 1897. | Eugene Harold Eising
B.S., College of the City of New York,
1894. |
| Charles Otto Baese
B.S., New York University, 1892;
LL.B., 1893. | Millard Henry Ellison
A.B., College of the City of New York,
1896. |
| Elijah William Bagster-Collins
A.B., Brown University, 1897. | Dora Bay Emerson
B.S., Wellesley College, 1892. |
| Frederic Huntington Bartlett
A.B., Harvard University, 1895. | Elmer Wallace Firth
C.E., Cornell University, 1895. |
| Louis Becker
Ph.B., New York University, 1896. | Charles Francis Fitzgerald
A.B., Holy Cross College, 1894. |
| Anson Gardner Betts
Ph.B., Yale University, 1897. | Wilson Warren Fowler
B.S., Rutgers College, 1897. |
| Alexander Max Bing
B.S., College of the City of New York,
1897. | William Henry Fry
A.B., Columbia College, 1897. |
| Martin Birnbaum
A.B., College of the City of New York,
1897. | James Lambert Gibson
B.S., University of Utah, 1895. |
| Lewis Nathaniel Chase
A.B., Columbia College, 1895. | Lawrence Goldberg
B.S., College of the City of New York,
1896. |
| William Joseph Clarke
A.B., Columbia College, 1897. | George Arthur Goodell
A.B., Amherst College, 1894. |
| Treadwell Cleveland, Jr.
A.B., Williams College, 1897. | August Henry Gotthelf
B.S., Columbia University, 1897. |
| Emily Matilda Coddington
A.B., London University, 1896. | Appleton Grannis
A.B., Columbia College, 1893. |
| Alexander Griswold Cummins, Jr.
A.B., Swarthmore College, 1889. | Henry David Gray
Ph.B., Colgate University, 1897. |
| Elizabeth Brown Cutting
A.B., Vassar College, 1893. | Louis Herbert Gray
A.B., Princeton University, 1896. |
| Franklin Abbott Dorman
A.B., Harvard University, 1894. | Nathan Williams Green
A.B., Yale University, 1894. |
| Isabel Eaton
B.L., Smith College, 1888. | Ellen Gunton
A.B., Swarthmore College, 1896. |



Columbia University
in the City of New York

ONE HUNDRED AND FORTY-FIFTH

ANNUAL COMMENCEMENT

JUNE 7, 1899

MUSIC
BY
THE AMERICAN SYMPHONY ORCHESTRA

MR. SAM FRANKO
DIRECTOR

Gin
The University

25 My '06



Order of Exercises

MUSIC

I. Prayer By the Chaplain of the University

MUSIC

II. Address By the Acting President of the University,

Professor J. H. VAN AMRINGE, Ph.D., L.H.D., LL.D.

Dean of Columbia College

MUSIC

III. Conferring of the Degree of Bachelor of
Arts

Candidates presented by

Professor HARRY THURSTON PECK

Secretary of Columbia College

COLUMBIA COLLEGE

Charles Adkins Baker
Harold Hosford Bowman
William Aspinwall Bradley
William Warren Bross
Ernest Abraham Cardozo
Robert Germain Cole
William Butler Corning
Sumner Deane
Gustav Eggena
George Ehret, Jr.
Henry Cameron Eldert
Bernard Morris Leon Ernst
Norton De Los Lull Fletcher
George Phelps Fort
Arthur Alexander Fowler
Irving Giffin
Horace Cutler Graves

Frank Sutliff Hackett
Howard Sawyer Harrington
John Smith Harrison
George Sidney Hellman
Otto Helmuth Hinck
George Gallagher Hopkins, Jr.
Darwin Shaw Hudson
Sidney Louis Josephthal
Walter Guest Kellogg
William Wolfe Lesem
Oscar Richard Lichtenstein
John Franklin McCann, Jr.
Adrian Smith Malsan
John Marcus
George Matthew
Henry Augustus Miller
John Purroy Mitchel

Miles Rees Moffatt
Charles Moran
Herman Otto Mosenthal
Geoffrey Parsons
Theophilus Parsons
James Duane Pell
Ernest Chapin Ropes
Montgomery Schuyler, Jr.
Alexis Eugene Senftner

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Frederick Kimber Seward
Prescott Alfriend Sherer
Richard Gordon Simpson
Davison Heermance Smith
Henry Capen Staunton
Charles Henry Tuttle
Warren Mesereau Van Name
Webster Wagner
Hans William Zinsser

Also the following :

William Williams Comstock
Harry Randel Cook
Arnold Winkelried Fismer

Maxwell Lester
Stuyvesant Fish Morris, Jr.
Jonathan Dunham Wilson, Jr.

BARNARD COLLEGE

Rosalie Bloomingdale
Mary Morrell Brackett
Ida May Demarest
Agnes Lillian Dickson
Georgie Mary Drew
Alice Duer
Virginia Crocheron Gildersleeve
Grace Harriet Goodale
Adelaide Camilla Hoffman
Marjorie Jacobi
Elsie Kupfer

[21]

Helen Marion Oakley
Martha Ornstein
Ruth Cecelia Overton
Aur lie Marie Reynaud
Ella Rosina Seligsberg
Anna Mabel Smith
Alt  Stilwell
Edith Parker Striker
Mary Elizabeth Waddington
Amelia Wohlfarth

IV. Conferring of the Degree of Bachelor of Laws

Candidates presented by

Professor WILLIAM A. KEENER

Dean of the Faculty of Law

Alva Blanchard Adams, Ph.B.
Bernard Alexander, A.M.
Henry Newton Arnold, A.B.
Ray Bacon, A.B.
James S. Barcus
Edwin Atkinson Bayles, A.M.

James Doolittle Benedict
Henry John Bigham
Charles William Boote, A.B.
Oliver Rutherford Brandt
Louis John Carruthers
James Britton Cauthers, A.B.

William Joseph Clarke, A.M.
John Corbin
Richard Raymond Costello, A.B.
Thomas Bigelow Cowen, A.B.
Alfred Loomis Curtiss, A.B.
Johnston de Forest, A.B.
James Herbert Deignan, A.B.
Sylvester Chittenden Deming, A.B.
Mark Hugo Ellison
Millard Henry Ellison, A.B.
Albert Falck
Philo Taylor Farnsworth, Jr.
Charles Jarvis Fay, A.B.
Adelbert Howard Finney, Ph.B.
Charles Russell Fleischmann, A.B.
Carl Hitchcock Fowler, A.B., B.S.
Jacob Lawrence Friedmann
James Nelson Frierson, B.L.
Harry Raymond Frost
Henry Gennert
William Oscar Gennert, A.M.
Bernard Goldberg
Lawrence Goldberg, B.S., A.M.
Frederic Gros, B.S.
Harry Eugene Gros, B.S.
Benjamin Alexander Grosner
George Edward Hargrave
William Van Derveer Hodges
Frederic Lincoln Hunt, A.M.
Isidore Israel
Ralph Ketchum Jacobs
Henry Selden Johnston, A.B.
John Campbell Kerr, A.B.
Harry Bolossy Kiralfy
Robert Knowles
Herbert Allan Knox, A.M.
Lyman Ezra Latourette, A.B.
Jay Earl Lawshe, A.B.
James Thomas Lee, B.S., A.M.
Frederick Lese, B.S.

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Joseph Mapes Lesser
William Andrew Lockwood, A.B.
Theodore Long
Andrew Gregg Loomis, A.B.
Thomas Heron McKee
Herbert Clinton Mason
Taylor More
Dwight Whitney Morrow, A.B.
Hugh Charles Murray, A.B.
Eugene Isherwood Murtha, A.B.
Saul Sidney Myers
George Washington Newgass, A.B.
Victor Edwin Palmer, A.B.
Walter Palmer Paret, A.B.
Henry Hollister Pease, A.B.
Wesley Vick Perry, A.B.
Nathan Orcutt Petty, A.M.
John Joseph Phelan, A.B.
Francis Deák Pollak, A.B.
William Henry Pratt, A.B.
Joseph Meyer Proskauer, A.B.
Allen Lawson Ramsay
William Aloysius Redden
Jackson Eli Reynolds, A.B.
Edwin Paul Shattuck
Otto Charles Sommerich, A.M.
Emmet Harland Soper, Ph.B.
Morton Stein
Benjamin Irving Taylor
Hiram Thomas
Victor Corse Thorne, Ph.B.
William Seymour Tyler, A.B.
George Francis Vanderveer, A.B.
Carl Vernon Vogt
Oscar Wagner, B.S., A.M.
Roberts Walker, A.B.
Charles Frederick Wheaton, A.B.
Harvey Lincoln Wheelock, A.B.
Will Carleton Whitehead
Levi Hollingsworth Wood, A.B.

V. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

Professor JOHN G. CURTIS, M.D.

by whom the candidates will also be presented

Truman Abbe, A.B.	Joseph Dillenberg, B.S.
Lewis Paddock Addoms	Patrick George Donovan
Arthur Rockwell Addy, A.B.	Augustus Sherman Downs
William Hanford Allée, Jr.	Arthur David Dryfoos, A.B.
Charles Leonard Antony	Olin Martin Eakins
Hermann Nehemiah Appel	Haven Emerson, A.B.
William Buckingham Armstrong	Charles Wilmer Fitch, A.B.
Edward Aaron Aronson	Rolfe Floyd, A.B.
Theodorus Bailey, B.S.	Sherman Knevals Foote, A.B.
Harold Barclay	J. Edgar Getman
George Edward Barnes, A.B.	Andrew James Gilmour, Ph.B.
Edward Le Roy Barnett, B.S.	Everett Willoughby Gould, A.B.
Thomas Joseph Barry	Alfred William Gray, A.B.
Walter Arthur Bastedo, Ph.G.	John Conrad Gross
Edwin Beer, A.B.	Myron Foster Hall
Reginald Sidney Bennett	James Taylor Hanan
James Birkhead, A.M.	Edgar Holden, Jr., A.B.
Theodore Edward Bleick	Henry Newell Howe
Dominic George Bodkin	Frederic John Hughes
August Samuel Boyd	Oliver Paul Humpstone
Frederick Clark Bradner, A.B.	Benno Hyams
Frederick L. Brady	Harry Warrington Ingling
Julian Walter Brandeis, B.S.	Joseph Maurice Jackson
Robert Coalter Bryan	Reginald Henry Jackson
Horace Campbell	William Ketchum Jacobs
George Arthur Carhart, B.S.	John Edward Jennings
William Samuel Cherry, A.M.	Herman Judkowitz
Abram Schuyler Clark, B.S.	Charles Joseph Kane, A.B.
William Cogswell Clarke	Moses Keschner
William Barron Crawford	Frank Henry Knight
John Joseph Cummings	George William Kosmak, A.B.
John MacBain Davidson	John Kurrus
Fellowes Davis, Jr.	William Henry Lawrence, Jr.

Mozart Monae Lesser
Arthur Maxwell Line, A.B.
Horace Ruthaford Livengood
Robert Livingston Loughran, A.B.
Victor Lowenstein
Henry Stoddard Lyman, A.B.
Charles Willard Lynn
William Wallace MacAlister
John Aloysius McCafferty, A.B.
Robert McCastline
William McDonald, Jr., B.P.
Fred Lyman McKee
Edwin Marcus Mendel, A.B.
Edward Ira Miller
James Alexander Miller, A.M.
Frank Worman Myrick
Frederick Emil Neresheimer
Robert Henry Nesbitt
Robert Ernest Noble, M.S.
Francis Jeremiah Vincent O'Brien,
A.B.
Charles George O'Connor, A.B.
James Henry O'Connor, A.B.
Alfred Townsend Osgood, A.B.
William Anderson Payne
Frederick Harrison Pierson, Jr., B.S.
Charles Whitney Pollard, A.B.
Eugene Hillhouse Pool, A.B.
Tappan Chase Pulsifer, A.B.
George Gibier Rambaud
William Benjamin Roemer
Maurice Rosenberg
Charles Adolph Rosenwasser
Tracy George Russell, A.B.
Anthony Alexander Rutz, A.M.

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George Hope Ryder, A.B.
William Salant, B.S.
William Augustus Muhlenberg
Schnecker
Charles Edward Scofield
Daniel Joseph Scully, Jr.
Alfred Edward Shipley
Russell Aber Shirrefs
Albert Franklin Shrier
Thomas George Sloan
John Archibald Smith
Frederick Hallett Spencer
Amos Osborne Squire
Meyer Maurice Stark, A.B.
Abram Richard Stern
Robert Stevenson
Squire Wilbert Stone
George Linius Streeter, A.B.
Edward Forrester Holden Sutton,
A.B.
Myles Joseph Tierney, A.M.
Frank Edward Tompkins
Alfred Trenchard-Wood, A.M.
Albert Eckhardt Ullman, A.B.
Frederic Oakman Virgin, A.B.
Raymond Lynde Wadhams, A.B.
Adolf Ludwig Waechter
Jonathan Mayhew Wainwright, A.B.
Fred Symonds Wakefield, A.B.
George Linden Warren
Oscar Watson, A.M.
Richard Kimble Wheeler, A.B.
Linsly Rudd Williams, A.B.
Claude Lucas Wilson, A.B.

Also the following :

Edward John Bero
Charles Francis Durning, A.B.
Herbert Henry Ellis
George Henry Fox, A.B.

Moritz Gross
Henry Thomas Kelly
Letchworth Smith, A.B.
Henry Christie Williams

MUSIC

VI. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engineer, Metallurgical Engineer, and Bachelor of Science

Candidates presented by

Professor HENRY S. MUNROE

Dean of the Faculty of Applied Science

DEGREE OF ENGINEER OF MINES

Albert Philip Bauman

John Cabot, Jr.

Henry Erastus Crawford

[5]

Percy Kierstead Hudson

Levi Evans Riter, Jr.

DEGREE OF CIVIL ENGINEER

John Berger, B.S.

Isadore Delson

Alfred Elliot Dieterich

Leicester Durham

Myron Samuel Falk

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Henry Howison Henderson

Lawrence Mason Simonson

Thomas Alexander Stratford

Maximilian Weinstein

DEGREE OF ELECTRICAL ENGINEER

Charles Sidney Aylmer-Small

Henry Cannon Carpenter

William Glasgow Clark

Henry Manning Cogan

Frank Secor Dickerson

James Jacob Ehrenreich

Samuel Ferguson, B.S.

Robert Anton Fliess

Charles Southard Hulbert

Andrew Norwood Jung

Henry Knox McIntyre

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Charles Hudson Machen

Meer-Schmul Moschkowitsch, M.E.

Julius Müller

George Robert Murphy, A.M.

George Darmon Orner

Henry Augustus Perkins, A.B.

Henry Schroeder

Edward Delavan Nelson Schulte

Hewlett Scudder, Jr., A.B.

Ralph Edward Slaven

DEGREE OF METALLURGICAL ENGINEER

Oscar Riker Foster

DEGREE OF BACHELOR OF SCIENCE

(Course in Analytical and Applied Chemistry)

Oscar Charles Beck
Henry Fisher, B.S.
Rudolph Ernest Heike
[5]

Frederick Revell Kneeland
Ralph Garrigue Wright

DEGREE OF BACHELOR OF SCIENCE

(Course in Architecture)

Eli Benedict
Theodore Blondel, Jr.
Edward Blum
John Dalzell Boyd
Bayard Snowden Cairns, A.B.
Howard Chapman
George Gilbert Entz
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Abraham Lincoln Fechheimer
Harold Hall
Stephen Olney Hawkins
Robert Austen McCulloch
Herbert Richard Mainzer
Hubert Van Wagenen, Jr.

Also the following:

ENGINEER OF MINES

Charles Hammond Eckerson

Charles Alexander Macy, 2d

Otto Wagner

CIVIL ENGINEER

Tristram Roberts Coffin
Richard Willis How, Jr.
Clarence MacKenzie Lewis

Henry Bennett Macken
Max Raymond
Alexander Parker Rogers, Ph.B.

ELECTRICAL ENGINEER

Albert Rolaz Gallatin, A.B.
Howard Lichtenstein

William Wilson Lighthipe
Laurent Lowenberg, Ph.B.

BACHELOR OF SCIENCE

(Course in Analytical and Applied Chemistry)

Russell Lane

Albert Gladding Stillwell

VII. Conferring of the Degree of Master of Arts

Candidates presented by

Professor JAMES FURMAN KEMP

Secretary of the University Council

- | | |
|--|---|
| Grace Andrews
B.S., Wellesley College, 1890. | Charles Bartlett Dyke
A.B., Leland Stanford, Jr., University,
1898. |
| Louis Kaufman Anspacher
A.B., College of the City of New York,
1897. | Lewis Einstein
A.B., Columbia College, 1898. |
| Henry Newton Arnold
A.B., Harvard University, 1896. | Haven Emerson
A.B., Harvard University, 1896. |
| Brenton Thoburn Badley
A.B., Ohio Wesleyan University, 1897. | Samuel Ferguson
B.S., Trinity College, 1896. |
| Frederick Mark Becket
B.S., McGill University, 1895. | Samuel Melvin Fischer
A.B., College of the City of New York,
1898. |
| Frances Spaulding Belcher
A.B., Vassar College, 18—, and Radcliffe
College, 18—. | Albert Rolaz Gallatin
A.B., Columbia University, 1891; E.E.,
1898. |
| George Griswold Brower
B.S., Syracuse University, 1887; M.S.,
1890. | Everett Willoughby Gould
A.B., Columbia College, 1896. |
| Charles Howard Burnside
M.S., Penn College, 1896. | Frederic Lowell Green
B.S., Massachusetts Agricultural College
and Boston University, 1894. |
| Clara Maria Burt
B.S., Wellesley College, 1892. | Frederic Gros
B.S., Hanover College, 1896. |
| John Peet Clyde
Ph.B., Iowa College, 1894. | Harry Eugene Gros
B.S., Hanover College, 1896. |
| William Merriam Cobleigh
E.M., College of Montana, 1894. | Rose Bertha Gruening
A.B., Vassar College, 1895. |
| Grace Lathrop Collin
B.L., Smith College, 1896. | Carl Gundersen
A.B., Leland Stanford, Jr., University,
1897. |
| Ada Louise Comstock
B.L., Smith College, 1897. | Tracy Elliot Hazen
A.B., University of Vermont, 1897. |
| Jasper Newton Deahl
A.B., Harvard University, 1893. | Sydney Hubert Herman
A.B., College of the City of New York,
1898. |
| Stephen Pierce Duggan
B.S., College of the City of New York,
1890; M.S., 1897. | Benjamin Rogers Howell
A.B., Wabash College, 1897. |
| Louise Brisbin Dunn
A.B., Columbia University (Barnard Col-
lege), 1897. | Jessie Wallace Hughan
A.B., Columbia College, 1898. |



Columbia University
in the City of New York

ONE HUNDRED AND FORTY-SIXTH

ANNUAL COMMENCEMENT

JUNE 13, 1900



THE ORCHESTRA
IS UNDER THE DIRECTION OF
MR. GUSTAV HINRICHS, CONDUCTOR OF MUSIC,
COLUMBIA UNIVERSITY

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The University
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Columbia University

PRIZES, FELLOWSHIPS, AND HONORS Awarded in 1900

[NOTE.—The successful competitors for prizes will receive their awards on application at the President's Office.]

Columbia College

Prize of the Alumni Association

To the most faithful and deserving student of the graduating class.

Given annually by the Alumni Association of the College; value, \$50.

Three candidates are selected by the Faculty and their names submitted to the class, who choose one of the three to receive the prize.

The names submitted to the class were

CHARLES JONES OGDEN
HENRY STARR GIDDINGS
HARWOOD HOADLEY

The class chose as recipient of the prize

HENRY STARR GIDDINGS

Chanler Historical Prize

Income of a fund of \$1000, bequeathed by J. Winthrop Chanler, of the Class of 1847; given to that member of the graduating class who shall be the author of the best original manuscript essay in English prose on the history of civil government in America, or on some other historical subject assigned by the Faculty.

Subject for 1900: "The Part Played by Winfield Scott in American History."

SIMEON STRUNSKY

ANNOUNCEMENT OF SOPHOMORE, JUNIOR, AND FINAL HONORS

SOPHOMORE HONORS

Germanic Languages: { ALEXANDER OTTO BECHERT
EDWARD SCHUSTER
FRANK HOUGHTON SEWALL

JUNIOR HONORS

English: HAROLD ALLISON MATTICE
Literature: ELLIOTT WILLIAMS BOONE
Mathematics: ACHILLES HERMANN KOHN

FINAL HONORS

Germanic Languages: EDWIN JOSEPH WALTER
Philosophy: { RUDOLPH ISAAC COFFEE
ROBERT CHIPMAN HULL
LEO DAVID NEWBORG
CHARLES JONES OGDEN
Romance Languages: JAMES JOSEPH FINNIGAN

Barnard College

Kohn Mathematical Prize

A prize of \$50, founded by Mrs. S. H. Kohn, is awarded annually to a member of the Senior Class for excellence in

mathematics. Competitors must have pursued the study of mathematics continuously during their college course.

NO AWARD

Herrman Botanical Prize

A prize of \$50, founded by Mrs. Esther Herrman, is awarded annually to the most proficient undergraduate student of botany.

SUSAN MATILDA GERMAN

Sophomore Chemistry Prize

A prize of \$25 is awarded annually to a member of the Sophomore Class for excellence in chemistry.

NO AWARD

Hoblitzell Medal

The Lavinia Carleton Hoblitzell Memorial Medal, of the value of \$100, founded by Miss Lavinia H. Van Westerveldt Dempsey, is awarded annually to the member of the graduating class who shall present the best essay on a topic in American History.

FLORENCE THEODOSIA BALDWIN

ANNOUNCEMENT OF SOPHOMORE, JUNIOR, AND FINAL HONORS

SOPHOMORE HONORS:

Mathematics: ELSA PATTERSON CAMPBELL

JUNIOR HONORS

Classics: LISA DELAVAN BLOODGOOD

Mathematics: { ELIZABETH ALLEN
 { EDITH BERRY

FINAL HONORS:

Classics: ELLINOR TEN BROECK REILEY

College of Physicians and Surgeons

Harsen Prizes for Proficiency at Examination

Three prizes, valued respectively at \$500, \$300, and \$200. Awarded to the most meritorious competitors at examinations consisting of:

1. Examination in writing covering all the branches of medical teaching.
2. Examination upon the cadaver in practical anatomy.
3. Practical examinations in clinical medicine and clinical surgery conducted at the hospitals.

The competitors for the Harsen prizes are the most proficient ten candidates for the degree of Doctor of Medicine.

First Prize: OTTO HENSEL, Ph.G.

Second Prize: HARRY GAYLORD DORMAN, A. B.

Third Prize: ARTHUR WALKER BINGHAM, A. B.

Examination Honors

Each of the ten Honor Men, who does not obtain a higher prize, receives a Harsen Prize of \$25.

Examination Honors were awarded to

OTTO HENSEL, Ph.G.

HARRY GAYLORD DORMAN, A. B.

EDWIN LORENDUS BEBEE, A. B.

ARTHUR WALKER BINGHAM, A. B.

MAJOR GABRIEL SEELIG, A. B.

THEODORE JACOB ABBOTT, A. B.

ADAM WENDELL HUBSCHMITT, A. B.

ELI MOSCHOWITZ, A. B.

KARL MAX VOGEL, Ph.G.

PAUL ERNEST WILLIAM MENK, Ph.G.

Harsen Prizes for Clinical Reports

Founded by the late Jacob Harsen, M. D. Three annual prizes, valued respectively at \$150, \$75, and \$25; given with a bronze medal and a diploma, to each prize-winner, for the best

reports in writing, by students of the College of Physicians and Surgeons, of the clinical instruction given at the New York Hospital during any four consecutive months of the academic year.

First Prize: MAJOR GABRIEL SEELIG, A. B.

Second Prize: DAVID HENRY ORGEL

Third Prize: MARCUS LEOPOLD GOODMAN

Alumni Association Prize

This is a biennial prize of \$500 open for competition to the Alumni of the College of Physicians and Surgeons. It is awarded for the best medical essay submitted upon any subject the writer may select, and is open to competition in alternate years with the Cartwright Prize.

Awarded to

DAVID BOVAIRD, JR., A. B., M. D.

for an essay entitled: "Primary Splenomegaly."

Joseph Mather Smith Prize

Founded as a memorial of the late Professor Smith. Annual prize of \$100 for the best essay on a medical subject presented by an alumnus of the College of Physicians and Surgeons.

NO AWARD

Stevens Triennial Prize

Established by the late Alexander Hodgdon Stevens, M. D., formerly President of the College of Physicians and Surgeons. This prize, awarded triennially, and consisting of the interest yielded by the principal fund during three years, amounts to \$200. It is awarded only for such essays as are sufficiently meritorious, and include the results of original research by the writer upon the subject chosen.

JAMES DITMARS VOORHEES, M. D.

Fellowships of the Alumni Association

Three Fellowships, provision for which is made annually by the Alumni Association, are open to graduates of the College of Physicians and Surgeons who have shown special aptitude for scientific research in the Department of Anatomy, Physiology, or Pathology. They have an annual value of \$500 each. The appointments are made by the Executive Committee of the Alumni Association from candidates presented by the Professor of Anatomy, the Professor of Physiology, and the Professor of Pathology.

Fellow in Anatomy: HENRY E. HALE

Fellows in Pathology { AUGUSTUS B. WADSWORTH
CHARLES NORRIS

Alonzo Clark Scholarship

Established by bequest of the late Professor Alonzo Clark, M.D., LL.D., for many years President of the College of Physicians and Surgeons, to promote the discovery of new facts in medical science. Annual value about \$700.

AUGUSTUS JEROME LARTIGAN, M. D.

Schools of Mines, Chemistry, Engineering and Architecture

Illig Medals

These medals are provided for by a bequest of \$2000 left by William C. Illig, E. M., class of 1882, and are awarded annually to the student or students in the graduating class of one of the Schools of Mines, Chemistry, Engineering, or Architecture, who shall, in the judgment of the Faculty have merited the same by commendable proficiency in their regular studies.

NO AWARD

Columbia Fellowship in Architecture

Founded by the Trustees in recognition of the liberality of Mr. F. A. Schermerhorn to this School. One Fellowship of \$1300, to be devoted to foreign study and travel by the successful candidate is open for competition every two years to all graduates in Architecture under thirty years of age.

THEODORE BLONDEL, JR.

Honorable Mention: { BAYARD SNOWDEN CAIRNS, A. B.
WILLIAM EDWARD PARSONS, A. B.

School of Political Science

James Gordon Bennett Prize in Political Science

Annual Prize of \$40 for the best essay in English prose upon some subject of contemporaneous interest in the domestic or foreign policy of the United States. Founded by James Gordon Bennett, and open to Seniors in Columbia College and other candidates for the baccalaureate degree in arts, letters, or philosophy, provided they take courses amounting to six hours a week in the School of Political Science.

NO AWARD

Schiff Fellowship

This Fellowship in Political Science, the gift of Mr. Jacob H. Schiff, of the annual value of \$600, is open to graduates holding a first degree from any college or scientific school, of good standing, either in this country or in Europe. Appointment to the Fellowship is made each year by the University Council upon the recommendation of the Faculty of Political Science.

WAITER PERCY BORDWELL

Prize Lectureships

Founded by the Trustees; three in number, each of an annual value of \$500, and tenable for three years; one awarded each year; appointment made on the recommendation of the Faculty from the members of the Academy of Political Science.

JOHN ARCHIBALD FAIRLIE
WILLIAM ZEBINA RIPLEY
GEORGE JAMES BAYLES

Grant Squires Prize

This prize consists of the income derived from a fund, established by Grant Squires, A. B., 1885, LL.B., 1887, and is awarded at the close of every quinquennial period, dating from July 1, 1895, to such graduate conducting an original investigation of a sociological character as shall be adjudged most worthy by a committee of award, consisting of the President, the Professor of Sociology, and one of the Professors of Political Economy appointed by the Faculty of Political Science.

ADNA FERRIN WEBER, Ph.D.

For a work entitled: "The Growth of Cities in the Nineteenth Century."

Toppan Prize

A prize of \$150, known as the Robert N. Toppan prize, is awarded annually to the member of the graduating class who passes the best written examination upon a paper prepared by the professor in charge of the department of Constitutional Law.

WALTER WHEELER COOK

Seligman Prize in Political Economy

Annual prize of \$150 for the best essay on some subject in political economy, established by Mr. E. R. A. Seligman, of the Class of 1879, Columbia College. Competition for the prize is open to all members of the School of Political Science.

Awarded to

ALVIN SAUNDERS JOHNSON

for an essay entitled: "The Consolidation Movement and Monopoly."

**National Society of the Sons of the American
Revolution Medal**

A silver medal for the best essay on the subject: "The Principles Fought for in the War of the Revolution." Competition is open to members of the senior class in the College, and to first year students not graduates of the College, studying under any of the faculties of the University.

GRANVILLE FORBES STURGIS

University

**Barnard Fellowship for Encouraging Scientific
Research**

Awarded to a graduate of the College, or of the School of Mines, Chemistry, Engineering, or Architecture, who has evinced decided aptness for physical investigation, and is disposed to devote himself to such investigation for some years continuously. The Fellow is appointed by the University Council upon the joint recommendation of the Faculty of the College and the Faculty of Applied Science. Value: the net income of the capital sum, \$10,000, constituting the endowment.

JOHN ALEXANDER MATTHEWS, Ph.D.

**John Tyndall Fellowship for the Encouragement of
Research in Physics**

Awarded annually on the recommendation of the head of the Department of Physics. Value: the income of \$10,800 (the fund presented to the University by Professor Tyndall), which the Trustees guarantee shall be at least \$648 a year.

ROBERT BOWIE OWENS, E. E.

Proudfit Fellowship in Letters

This Fellowship, known as the "Alexander Moncrief Proudfit Fellowship in Letters," for the encouragement of the study of English Literature, is awarded by the University Council on the joint recommendation of the professors in the English departments.

JOHN ERSKINE

H. C. Bunner Medal

Gold medal, provided for by the interest upon a fund of \$1000, established in 1896 by friends of the late Henry Cuyler Bunner, and awarded annually at Commencement to the candidate for a Columbia degree who shall present the best essay on an assigned subject in American Literature.

NO AWARD

Drisler Fellowship in Classical Philology

This fellowship of the annual value of \$500 was established in 1894, in commemoration of the semi-centennial in the service of the University, of Henry Drisler, LL.D., of the class of 1839, who held in the University the chairs of both Latin and Greek. The appointment is made by the University Council on the joint recommendation of the professors of Greek and Latin.

BERT HODGE HILL

Order of Exercises

MUSIC

Marche Héroïque St. Saëns

I. Prayer By the Chaplain of the University

II. Address By the President of the University

MUSIC

Sur la Montagne (Scènes Poétiques) Godard

III. Conferring of the Degree of Bachelor of Arts

The candidates will be presented by
Professor J. HOWARD VAN AMRINGE
Dean of Columbia College

COLUMBIA COLLEGE

Henry Garfield Alsberg	Sidney Harry Dixon
Lee Mansfield Bingham	Roy Farrell Duffield
Samuel John Block	David Owen Dunbar
Morton Griswold Bogue	Roger Durham
James Floyd Bowman	James Alexander Edwards
Hjalmar Hjorth Boyesen, 2d	Wilbur Bruce Elmore
Roelif Hasbrouck Brooks	John Erskine
John Browne	Joseph Diehl Fackenthal
Melville Henry Cane	James Joseph Finnigan
Walter Nicholas Clapp	William Mead Lindsley Fiske, Jr.
Harrison Clark, Jr.	Melville Jefferson France
William Irving Clark, Jr.	Goelet Gallatin
Philip Coan	Philip Parkhurst Gardiner
Frederick Dan Huntington Coerr	Henry Starr Giddings
Rudolph Isaac Coffee	John Wesley Gould
Alfred Einstein Cohn	William King Gregory
Michael Marks Davis, Jr.	Henry Sydnor Harrison
William Churchill de Mille	Everett Merl Hawks

Harwood Hoadley
Irving Morehouse Hoffman
Joseph Parkhurst Howe
Robert Chipman Hull
Pierre Frederic Irving
John Barent Johnson
Harold Anderson Kellock
William Cullen Bryant Kemp
Frank Kidde
James Rintoul Knapp
Loyal Leale
Oscar Lowenstein
Ralph Emerson Lum
Joseph Wild Mackay
James John McKenna, Jr.
Fred Russell McMurray
Arthur Youle Meeker
Albert Joseph Mehler
Samuel Erasmus Moffett
William Underhill Moore
John Muirheid
Giffard Arthur Nelson

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Abraham Elijah Neugroschl
Leo David Newborg
Thomas Edward O'Brien
Charles Jones Ogden
David Henry Pollard
George Payn Quackenbos
Robert Insall Raiman
Edward Holman Raymond, Jr.
Harry Hull St. Clair, Jr.
Algernon Sydney Schafer
Alexander Godfrey Smith
Charles William Stoddart
Simeon Strunsky
Louis Clark Tinker
Wallis Smyth Turner
Edwin Joseph Walter
Mayer Joseph Weinstein
Thomas Shirley Whittaker
John Nelson Williams
Charles Whitehead Woodson
Moritz Wormser
Martin Wortman

Also

Hugh McCulloh Birckhead

BARNARD COLLEGE

Florence Theodora Baldwin
Willina Barrick
Agnes Leonard Bennett
Margaret Blossom
Elizabeth Eggleston Bryant
Helen Cole
Margaret Crawford
Florence Dwight Dale
Susan Matilda Germann
Jeannette Bliss Gillespy
Mary Loockerman Goldsborough
Mildred Hubbard
Florence Hutchinson
Louise Karger
Esther Keagey
Eleanor Keller

Stella Frances Kingsbury
Florence Leslie Kyte
Martha Washington Levy
Florence Lippincott
Elizabeth Hoffman Mapelsden
Hilda Newborg
Virginia Newcomb
Evelyn Osborne
Grace Isabel Pollard
Ellinor Ten Broeck Reiley
Sarah Bertha Rosenstein
Emma Dusinberre Sandford
Cecile Heller Schwed
Cora Arnot Scott
Florence Miller Sill
Edna Belle Simpson

Sara Straus
Mary Brown Sumner
Katharine Van Horne

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Julia Cooper Watkins
Mary Caldwell Woodhull
Julie Wurzburger

IV. Conferring of the Degree of Bachelor of Laws

The candidates will be presented by

Professor GEORGE W. KIRCHWEY

Secretary of the Faculty of Law

Hugh White Adams, Jr.	Milton Myron Leiter, A.B.
Knute Arnegard, A.B.	Charles Levy
James McConnell Bailey, A.B.	William Lipman Levy, Ph.B., A.M.
Everett Larkin Barnard, A.B.	James Lester Lewine, A.B.
Joseph Maurice Baum	Joseph Clayton Logan, A.B.
Elliot Stuart Benedict, A.B.	William Gilman Low, Jr., A.M.
Alexander Max Bing, B.S., A.M.	Herbert James Lyall, A.B.
Ulysses Grant Blackford, A.B.	Edwin Corwin McKeag, A.M.
Hermann Augustus Bolte	Kenneth Mackintosh, A.B.
Frederic Anson Burlingame, A.B.	Edward Kirkpatrick Mills, A.B.
Sterling Douglas Carr	Franklin Hubbell Mills, A.B.
William Bruce Cobb	Elijah Daniel Miner
John Joseph Conville	Arthur Thornton Morey
Nathaniel Silleck Corwin	George Wilson Morgan, A.B.
Wilson Naylor Cox	Seymour Mork
Robert Fuller Denison, A.B.	Archie Bodine Morrison
James Byron Drew, A.B.	William Larkin Murphy
Charles Hebard Edwards, A.B.	Thomas Francis Noonan, A.M.
George Dyre Eldridge, Jr., A.B.	Benjamin Frank Norris
Joseph Kent Ellenbogen	William Rutger John Planten
Leo Fishel	Edward Graves Pringle, A.B.
Julian Hepworth Hall, B.S.	Albert William Putnam, A.B.
Louis Harrison Hall, B.S.	Henry Thomas Randall, A.B.
Charles Ernest Heydt	Frank Paine Reilly, A.B.
George Francis Hickey	Mathew Ignatius W. Riley, A.B.
Forbes Joseph Holland, A.M.	William Henry Robbins
Lewis M. Isaacs, Ph.B.	Roy Martin Robinson, A.B.
Louis Joseph, B.S.	John Krapp Roll, A.B.
William Thomas Kemp	Sidney Rosenbaum
Isidor Jacob Kresel	Charles Meyer Rosenthal
Joseph William Lambrecht	Herbert Francis Roy, A.B.
Thomas Augustin Ledwith, A.M.	George E. Ruppert

Joseph Thomas Ryan
John Godfrey Saxe, A.B.
Abraham Lincoln Schwersenski
Thomas Gaskell Shearman, Jr., A.M.
Claude Crayton Smith, A.B.
Charles Anshel Son, A.M.
Max Jonas Spiegel
Eugene Edward Spiegelberg, A.M.
Arthur Barnett Spingarn, A.M.
Sydney Wilfred Stern, A.B.
William Adams Walker Stewart,
A.B.
William Dexter Stiger, B.S.

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Morris Lincoln Strauss, A.M.
Frank Edward Stripe
Elisha Sylvester Theall
Myndert James Van Kleeck, B.S.,
M.L.
Stallo Vinton, A.M.
Clarence Frederick Walker
Sedley Lynch Ware, A.B.
Abraham Mordecai Wattenberg
Orson John Weimert
Samuel Copp Worthen, A.B.
Frank Bernard York

V. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH
will first be administered by

Professor JOHN G. CURTIS

by whom the candidates will also be presented

Theodore Jacob Abbott, A.B.
Charles Baker Adams, A.B.
Sigmund Arthur Agatston
David Esterbrook Alexander
William Thomas Allen
Carl Lucas Alsberg, A.B.
Milton Julius Ballin, Ph.B.
Leon Bandler
Edward Woodruff Banta
Edwin Lorendus Bebee, A.B.
Eugene Paul Bernstein, B.S.
Joseph Bieber
Arthur Walker Bingham, A.B.
John Fielding James Black, V.S.
Jules Leon Blumenthal
Harry Benjamin Breckwedel
Daniel Bradley Brinsmade, A.B.
William Wallace Brooke

Thomas Evans Westman Brown,
B.S.
Roderick Byington, B.S.
Henry Arthur Cassebeer, Jr., A.B.
Herbert Louis Celler, A.B.
Guy Hunt Cochrane, A.B.
Frank Lawrence Cochrane
Karl Albert Connell
Charles Ward Crampton
Claude Granville Crane
Frank Bethel Cross
Everett Field Darling, B.S.
George Edward Deely, A.B.
Augustus Fred Dempewolf
Norman Edward Ditman, Ph.B.
Harry Gaylord Dorman, A.B.
Daniel Michael Driscoll
Francis Duffield, A.B.

Joseph William Dwyer
Chauncey Valentine Everitt
Clarence Fahnestock
Ernest Fahnestock
Adam Edward Fendrich
Edmund Prince Fowler
Robert Tilden Frank, A.B.
Lewis Fox Frissell, A.B., A.M.
John Arthur Funk, A.B.
Milton Gershel, B.S.
Marcus Leopold Goodman
James Frank Graham, Jr.
James Edward Grant, B.S.
Philip Michael Grausman
Stith Gordon Green, A.B.
Robert Hurtin Halsey, A.B.
Howard Chapin Hanscom, A.B.
Ralph Augustus Hayt
Otto Hensel, Ph.G.
George Jenkinson Holmes
Joseph Harry Honnet
Ransom Spafard Hooker, B.L.
Lester Page Hoole, A.B.
Jacob Horowitz
Frederick Charles Horsford, Ph.G.
Adam Wendell Hubschmitt, A.B.
Edward Hyatt Hutton, A.B.
Edward Gibson Hynes, A.B., A.M.
Leo Jacoby
Meyer Jedel
Philip Van Kuren Johnson
Mortimer Dunham Jones
Samuel Kahn
Aquinas Sarsfield Kelly
Thomas Joyce Lenox Kennedy
Leroy Gresham Kirkman, A.B.
Frederick Knowles
Arthur Sinclair Knudsen, A.B.
Jacob Koronefsky
Maurice Hill Krebs
Ernest Frederick Krug
Edwin Walter Landes
Samuel Salisbury Lathrop
Norman Jacob Lebharr

Edward Levy
Ralph Waldo Lobenstine, A.B.
Leslie Clifford Love, A.B.
Henry Hamilton Moore Lyle
Geoffrey Westropp Macdougall
Jacob Mantinband
Irving Margulies
Jacob Margulis
Elias Joseph Marsh, Jr., A.B.
Paul Frederic Martin, M.D.
Thomas Aloysius Martin, B.S.
Urban Francis Martin, B.S.
Lucius Julius Mason, B.L.
Andrew Joseph McLaughlin
Paul Ernest William Menk, Ph.G.
Franklyn Henry Miller
Willard Pierrepont Millspaugh, A.B.
Walter Clark Montgomery
Eli Moschcowitz, A.B.
L. Howard Moss
Conrad Mund, A.B.
James Frank Navoni
Cornelius James Noonan
Charles Edward North, A.B.
Joseph O'Dwyer
David Henry Orgel
Maurice Packard, Ph.B.
Charles Emonual Eugene Pannaci
William Vincent Pascual
Henry Stuart Patterson, A.B.
Charles Edward Pearson
Paul Monroe Pilcher, B.S.
Frederick Standish Pindar
John Green Pittman, A.B.
Isaac Israel Plotz
Henry Benjamin Polatsak
Elisha Pender Porter, A.B.
Barnett Quel
William O'Gorman Quinby
Meyer Rabinovitz
George Henry Reichers
Charles Hermann Reinsberg, A.M.
Henry Reiss
Harry Badger Reynolds, A.B.

Lester Laurens Roos
William Rosensohn, A.B.
Norman Leslie Rowe, Jr.
Henry Suydam Satterlee, A.B.
Norman Brown Saunders
Major Gabriel Seelig, A.B.
Robert Henderson Shanahan
Milton Allison Shangle
Theodore William Simon
Fred Willard Smith
Harry Victor Aloysius Smith
Philip Smith
Alfred Baker Spalding, A.B.
Max Stern
James Fleury Stewart
Frank Stradling
Luther Anson Todd
Rolland Davis Tomlinson
Edward Livingston Trudeau, Jr.,
A.B.
Cornelius Van Der Clock
George Bickford Van Doren, A.B.

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Also the following, awarded during the year :

Max Bresler
Frederick Siebert George
John Laurence Hughes

Albert Bensen Van Vranken, Ph.B.
Karl Max Vogel, Ph.G.
Irving Lee Walker
Philip Carter Washburn, A.B.
David Boughton Wason
Leonard Gruner Weber
Ver Nooy Wayland Weed
Richard Weil, A.B.
Julius William Weinstein
Louis Weiss
Faneuil Suydam Weisse, A.B.
John Edgar Welsh, A.B.
Jonathan Godfrey Wells
William Louis Wheeler, B.S.
John Francis White
Miller Royal Whitenack, B.S.
Arthur Starkey Wilson
Edward Earl Wilson
William Caldwell Wilson
Walter Henry Winchester
Allen Lawrence Winter

James Ogilvie, A.B.
Palmer Augustus Potter, B.S.
Frank Rufus Searles

Joseph Minnelli Severino

VI. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical En- gineer, Metallurgical Engineer, and Bachelor of Science

The candidates will be presented by
Professor FREDERICK R. HUTTON
Dean of the Faculty of Applied Science

DEGREE OF ENGINEER OF MINES

Harold Thomas Dickinson	Charles Knap Hitchcock, Jr., A.B.
Robert Mulford Fisher	James Farley McClelland
Jesús de la Fuente	Oscar Butler Perry, A.B.
John Allen Fulton	Reno Haber Sales, B.S.

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DEGREE OF CIVIL ENGINEER

Max Feldman	Robert Lawrence Spiller
Gerardo Immediato	Julius Ralph Wemlinger
Llewellyn Le Count	

[5]

DEGREE OF ELECTRICAL ENGINEER

Nathan Babcock Ambler	Robert Hogue Goodwillie
Oscar Carlos Bacot	William Price Heinekin
Ernest Robinson Bard	Warren Canfield Jessup
Louis William Bates	John Leonard Kebler
Walter Preston Briggs	Ferdinand Eli Koscherak
Hugh Auchincloss Brown	Manuel Enrique Rionda
Dawson Jabez Burns	Joseph Martin Roman
William John Cassard, Jr.	Frank Gerard Smith
Edward Sears Clinch, Jr.	Nathan Clarence Solomon, B.S.
Arthur Newcomb Dusenbury	Eugene Herbert Wessels
Augustus Alphonsus Frank	

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DEGREE OF BACHELOR OF SCIENCE

(Course in Analytical and Applied Chemistry)

David Charles Eccles	Hugh Philip Tiemann
Edgar Josephson	

[3]

DEGREE OF BACHELOR OF SCIENCE

(Course in Architecture)

Edward William Bartberger
Robert Curry
Robert Huger Elliott
Marshall Thomas James
Arthur Kaufmann
Eugene Jerome Lang
Franklin Baker Lefferts

Ludwig Lindenmeyr
Lynn Grover Lockwood
Francis Augustus Nelson
Samuel Edward Plousky, A.B.
Gustave Erwin Steinback
Louis Angelo Walsh

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Also the following, awarded during the year:

ENGINEER OF MINES

Jasper A. McCaskell, E. E. Christopher Henne, 2d, A.B.
Asa Warren Parker, Jr., A.B.

ELECTRICAL ENGINEER

Richard Bigelow Benjamin Bricklyn Tilt
Harrison Kerr Bird Carl Hans Vom Baur

BACHELOR OF SCIENCE

(Course in Analytical and Applied Chemistry)

Walter Cassamajor

BACHELOR OF SCIENCE

(Course in Architecture)

Edward Lansing Satterlee John Townsend Williams, Jr.

MUSIC

Entr'acte from Lohengrin Wagner

VII. Conferring of the Degree of Master of Arts

The candidates will be presented by

Professor JAMES FURMAN KEMP

Secretary of the University Council

- | | |
|--|--|
| Nancy Semple Acheson
B.L., Pennsylvania College, 1898. | Leopold Boroschek
B.S., College of the City of New York,
1897. |
| Carl Lucas Alsberg
A.B., Columbia University, 1896. | Archibald Lewis Bouton
A.B., Amherst College, 1896. |
| Lawrence Edgar Armstrong
Ph.B., Ohio University, 1894. | William Aspenwall Bradley
A.B., Columbia University, 1899. |
| Walter Whipple Arnold
A.B., University of Rochester, 1898. | Alice Gertrude Brickelmaier
B.S., Cornell University, 1899. |
| Knut Arnegard
A.B., University of North Dakota, 1897. | William Warren Bross
A.B., Columbia University, 1899. |
| Jacob Jay Aronson
A.B., College of the City of New York,
1898. | Ernest Abraham Cardozo
A.B., Columbia University, 1899. |
| Frederick Clark Averill
Ph.B., University of Michigan, 1898. | John H. Chase
B.S., Amherst College, 1896. |
| Charles Adkins Baker
A.B., Columbia University, 1899. | Alfred Thurston Child
A.B., Amherst College, 1898. |
| Franklin Thomas Baker
A.B., Dickinson College, 1885; A.M.,
1889. | Helen Lillie Cram
A.B., University of Vermont, 1879. |
| Agnes Baldwin
A.B., Columbia University, 1897. | Bergen Davis
B.S., Rutgers College, 1896. |
| Howard J. Banker
A.B., Syracuse University, 1892. | Thomas Herbert Dickinson
Ph.B., Ohio State University, 1899. |
| May Banta
B.S., Wellesley College, 1899. | Norman Edward Ditman
Ph.B., Yale University, 1896. |
| Moses Beckhardt
B.S., College of the City of New York,
1894. | Florence Anderson Dowden
A.B., Columbia University, 1897. |
| Le Roy Mason Beeman
A.B., Wesleyan University, 1895. | James Byron Drew
A.B., Curry University, 1896. |
| Rosalie Bloomingdale
A.B., Columbia University, 1899. | Charles Henry Ellard
A.B., Columbia University, 1897. |
| Sarah Helen Bogart
A.B., Wellesley College, 1889. | Julia Hutchins Farwell
A.B., Columbia College, 1898. |

- Adelbert Howard Finney
Ph.B., University of Michigan, 1896.
- Robert Tilden Frank
A.B., Harvard University, 1896.
- Charles Royall Frazer
A.B., Yale University, 1899.
- Lucia Fessenden Gilbert
B.L., Smith College, 1897.
- Virginia Crocheron Gildersleeve
A.B., Columbia University, 1899.
- Walter Baber Graham
A.B., University of Kansas, 1899.
- Robert Hurtin Halsey
A.B., Columbia University, 1896.
- John Smith Harrison
A.B., Columbia University, 1899.
- Rodney Mulford Heggie
A.B., New York University, 1899.
- Bernard Schmaltz Heller
B.S., College of the City of New York,
1897.
- Christopher Henne, 2d
A.B., Leland Stanford, Jr., University;
E.M., Columbia University, 1900.
- George Sidney Hellman
A.B., Columbia University, 1899.
- Nellie Priscilla Hewins
B.S., Cornell University, 1898.
- Bert Hodge Hill
A.B., University of Vermont, 1895.
- Masumi Hino
B.D., Doshisha University, Kyoto, Japan,
1897.
- Gertrude Mary Hirst
A.B., Newnham College, Cambridge,
1890.
- Charles Knap Hitchcock, Jr.
A.B., Columbia University, 1897.
- Warren Lanning Hoagland, Jr.
A.B., Wesleyan University, 1898.
- Edwin Bissell Holt
A.B., Harvard University, 1896.
- Lewis Montefiore Isaacs
Ph.B., New York University, 1897.
- Alice Rebekah Jackson
B.S., Wellesley College, 1891.
- Joseph Perry Jackson
A.B., Oskaloosa College, 1877; A.M.,
1880; LL.B., Iowa State University,
1879.
- Perry Wilson Jenkins
A.B., Miami University, 1890; A.M.,
1893.
- Max Philippe Lazard
B. ès L., University of Paris, 1893; Li-
cencié ès Lettres, 1894.
- Louis Samter Levy
A.B., Yale University, 1898.
- Abram Lipsky
Ph.B., University of Rochester, 1895.
- Joseph Clayton Logan
A.B., Roanoke College, 1897.
- Lily Logan
A.B., Tulane University, 1897.
- Harry M. Markson
Ph.B., Cornell University, 1898.
- George Matthew
A.B., Columbia University, 1899.
- Joseph Spencer Menline
A.B., College of the City of New York,
1898.
- Shozaburo Miki
Graduate of Higher Commercial College,
Tokio, Japan, 1897.
- Ernest Allan Miller
B.S., Cornell University, 1899.
- Henry Bedinger Mitchell
E.E., Columbia University, 1898.

- Herbert Raymond Moody
B.S., Massachusetts Institute of Technology, 1892.
- Anna Lewis Moore
A.B., Smith College, 1895.
- John Arthur Murphy
A.B., St. Francis Xavier's College, 1899.
- Arthur C. Neish
A.B., Queen's University, 1898.
- Martha Ornstein
A.B., Columbia University, 1899.
- David Brainerd Oviatt
M.E., Cornell University, 1887; M. Mech.E., 1888.
- Robert Bowie Owens
E.E., Colorado University, 1891; M.S., McGill University, 1900.
- Sara Jay Phillips
A.B., Vassar College, 1897.
- Paul Monroe Pilcher
B.S., University of Michigan, 1898.
- Louise Place
A.B., Columbia University, 1896.
- Charles J. Pretzfeld
A.B., Columbia University, 1898.
- Howard F. Pretzfeld
B.S., College of the City of New York, 1898.
- Henry Thomas Randall
A.B., Columbia University, 1898.
- Joseph Perry Ratzell
A.B., Franklin and Marshall College, 1896.
- Emma Louisa Reed
Ph.B., Wesleyan University, 1899.
- Sigmund Reich
A.B., College of the City of New York, 1895.
- Harry Rode
B.S., Blackburn University, 1898.
- Louis Rouillion
B.S., Cornell University, 1891.
- Herbert Francis Roy
A.B., Williams College, 1897.
- Montgomery Schuyler, Jr.
A.B., Columbia University, 1899.
- Charles Hatch Sears
A.B., Colgate University, 1898.
- Rudolph Albert Seligmann
A.B., College of the City of New York, 1899.
- John Walter Stephens
A.B., Trinity University, Texas, 1893.
- Alfred Stoeckius
Gymnasium Sondershausen, Germany, 1891; Lutheran Theological Seminary, 1896; University of Pennsylvania, 1896.
- Charles Augustus Strauss
A.B., College of the City of New York, 1899.
- Edith Parker Striker
A.B., Columbia University, 1899.
- Alexander Louis Strouse
A.B., College of the City of New York, 1899.
- Sidney Lionel Teven
A.B., College of the City of New York, 1898.
- Holland Thompson
Ph.B., University of North Carolina, 1895.
- Edwin Kellogg Trowbridge
A.B., Williams College, 1899.
- Joseph Nathan Ulman
A.B., Johns Hopkins University, 1898.
- Ruth Annette Warren
A.B., Smith College, 1895.
- Ada Watterson
A.B., Columbia University, 1898.
- Richard Weil
A.B., Columbia University, 1896.
- John Edwin Wells
B.L., Swarthmore College, 1896; M.L., 1899.

Herbert Lemuel Wilbur

A.B., Amherst College, 1892.

Zaidee Williams

A.B., Columbia University, 1892.

Alpheus Winter

A.B., Centre College of Kentucky, 1899.

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Amelia Wohlfarth

A.B., Columbia University, 1899.

Samuel Copp Worthen

A.B., Columbia University, 1898.

Franklin Zeiger

A.B., Columbia University, 1898.

VIII. Conferring of the Degree of Doctor of Philosophy

The candidates will be presented by

Professor JAMES FURMAN KEMP

Secretary of the University Council

George Neander Bauer

B.S., University of Minnesota, 1894;
M.S., University of Iowa, 1898.

Dissertation: The Parallax of μ Cassiopeia and the Positions of 56 Neighbouring Stars as Deduced from the Rutherford Photographic Measures.

Julius August Beyer

Royal Gymnasium, Düsseldorf, Testimonium Maturitatis, 1895.

Dissertation: History of the New Testament Canon in the Syriac Church.

William Maxwell Burke

A.B., Oberlin College, 1896; A.M., 1897.
Dissertation: History and Functions of Central Labor Unions.

William Isaac Chamberlain

A.B., Rutgers College, 1882; A.M., 1886.
Dissertation: Education in India.

Victor Seldon Clark

B.L., University of Minnesota, 1890.
Dissertation: Studies in the Latin of the Middle Ages and the Renaissance.

George Tobias Flom

B.L., University of Wisconsin, 1893;
A.M., Vanderbilt University, 1894.

Caroline Ellen Furness

A.B., Vassar College, 1891.
Dissertation: Catalogue of Stars within One Degree of the North Pole, and Optical Distortion of the Helsingfors Astrophotographic Telescope, Deduced from Photographic Measures.

William Henry Glasson

Ph.B., Cornell, 1896.
Dissertation: History of Military Pension Legislation in the United States.

August Henry Gotthelf

B.S., Columbia University, 1897; A.M., 1898.
Dissertation: The Action of Nitrils on Organic Acids.

Louis Herbert Gray

A.B., Princeton University, 1896; A.M., Columbia University, 1898.
Dissertation: Indo-Iranian Phonology: with special reference to the Middle and New Indo-Iranian languages.

Ferris Greenslet

A.B., Wesleyan University, 1897; A.M., 1898.
Dissertation: Joseph Glanvill.

David Griffiths

B.S., Agricultural College of South Dakota, 1892; M.S., 1893.
Dissertation: The North American Lardariaceæ.

Tracy Elliot Hazen

A.B., University of Vermont, 1897; A.M., Columbia University, 1899.
Dissertation: The Ulothricaceæ and Chætophoraceæ of the United States.

Charles Judson Herrick

B.S., University of Cincinnati, 1891; M.S., Denison University, 1895.
Dissertation: The Cranial and First Spinal Nerves of Menidia; a Contribution upon the Nerve Components of the Bony Fishes.

Aladine Cummings Longden

A.B., De Pauw University, 1881; A.M., 1884.
Dissertation: Electrical Resistance of Thin Films Deposited by Kathode Discharge.

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Hermann Andreas Loos

B.S., College of the City of New York, 1895; A.M., Columbia University, 1898.
Dissertation: A Study on the Constitution of Colophony Resin.

Charles Edward Merriam

A.B., Iowa State University, 1895.
Dissertation: The Theory of Sovereignty since Rousseau.

Samuel Paul Molenaer

Testimonium Maturitates, Gymnasium at Rival, 1889.
Dissertation: Egideo Colonna, Du Gouvernement des Rois.

Frederick Clark Paulmier

B.S., Princeton University, 1894; M.S., 1896.
Dissertation: The Spermatogenesis of Anasa Tristis.

Rudolph Rex Reeder

Graduate of Illinois State Normal University, 1883.
Dissertation: The Historical Development of School Readers and Method in Teaching Reading.

Frank Clarence Spencer

B.S., University of Colorado, 1894.
Dissertation: The Education of the Pueblo Child: a Study of Arrested Development.

MUSIC

Air from Suite in D Bach

IX. Award of the Barnard Medal for Meritorious Service to Science

Professor Dr. WILHELM CONRAD VON RÖNTGEN

X. Conferring of Honorary Degrees

DEGREE OF MASTER OF ARTS

MORRIS KETCHUM JESUP

Presented by Professor HENRY FAIRFIELD OSBORN

HENRY WILLIAM MAXWELL

Presented by Professor WILLIAM HENRY CARPENTER

CHARLES ALFRED POST

Presented by Professor ROBERT SIMPSON WOODWARD

DEGREE OF DOCTOR OF LAWS

His Excellency the Rt. Hon. Lord PAUNCEFOTE of Preston, G.C.B., G.C.M.G.

Ambassador E. and P. of Her Britannic Majesty

Presented by Professor JOHN BASSETT MOORE

The Honorable THOMAS BRACKETT REED

Presented by Professor NICHOLAS MURRAY BUTLER

ARTHUR TWINING HADLEY, Ph.D.

President of Yale University

Presented by Professor JOHN HOWARD VAN AMRINGE

ALFRED T. MAHAN, D.C.L.

Captain of the United States Navy, retired

Presented by Professor FREDERICK REMSEN HUTTON

ABRAHAM JACOBI, M.D.

Professor of the Diseases of Children in the College of Physicians and Surgeons

Presented by Professor JOHN G. CURTIS, M.D.

MINTON WARREN, Ph.D.

Professor of Latin in Harvard University

Presented by Professor HARRY THURSTON PECK

XI. Benediction By the Chaplain of the University

MUSIC

Polonaise from the Third Suite . . . Tschaikowsky

COMMITTEE OF ARRANGEMENTS

EVERETT LARKIN BARNARD, A.B., General Chairman

WILLIAM UNDERHILL MOORE, Grand Marshal

COLUMBIA COLLEGE

WILLIAM UNDERHILL MOORE

Chairman

FRANK KIDDE

JAMES RINTOUL KNAPP

SCHOOL OF LAW

EVERETT LARKIN BARNARD, A.B.,

Chairman

WILLIAM DEXTER STIGER, B.S.

GEORGE WILSON MORGAN, A.B.

COLLEGE OF PHYSICIANS AND SURGEONS

LEROY GRESHAM KIRKMAN, A.B.,

Chairman

PHILIP MICHAEL GRAUSMAN

HENRY STUART PATTERSON, A.B.

SCHOOLS OF APPLIED SCIENCE

DAWSON JABEZ BURNS, *Chairman*

WALTER PRESTON BRIGGS

JESÚS DE LA FUENTE

SCHOOLS OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

HENRY THOMAS RANDALL, A.B.

BARNARD COLLEGE

AGNES BALDWIN, A.B.

MARY LOOCKERMAN GOLDSBOROUGH

HELEN COLE

FACULTY MARSHALS

MARSTON TAYLOR BOGERT, A.B., B.S.

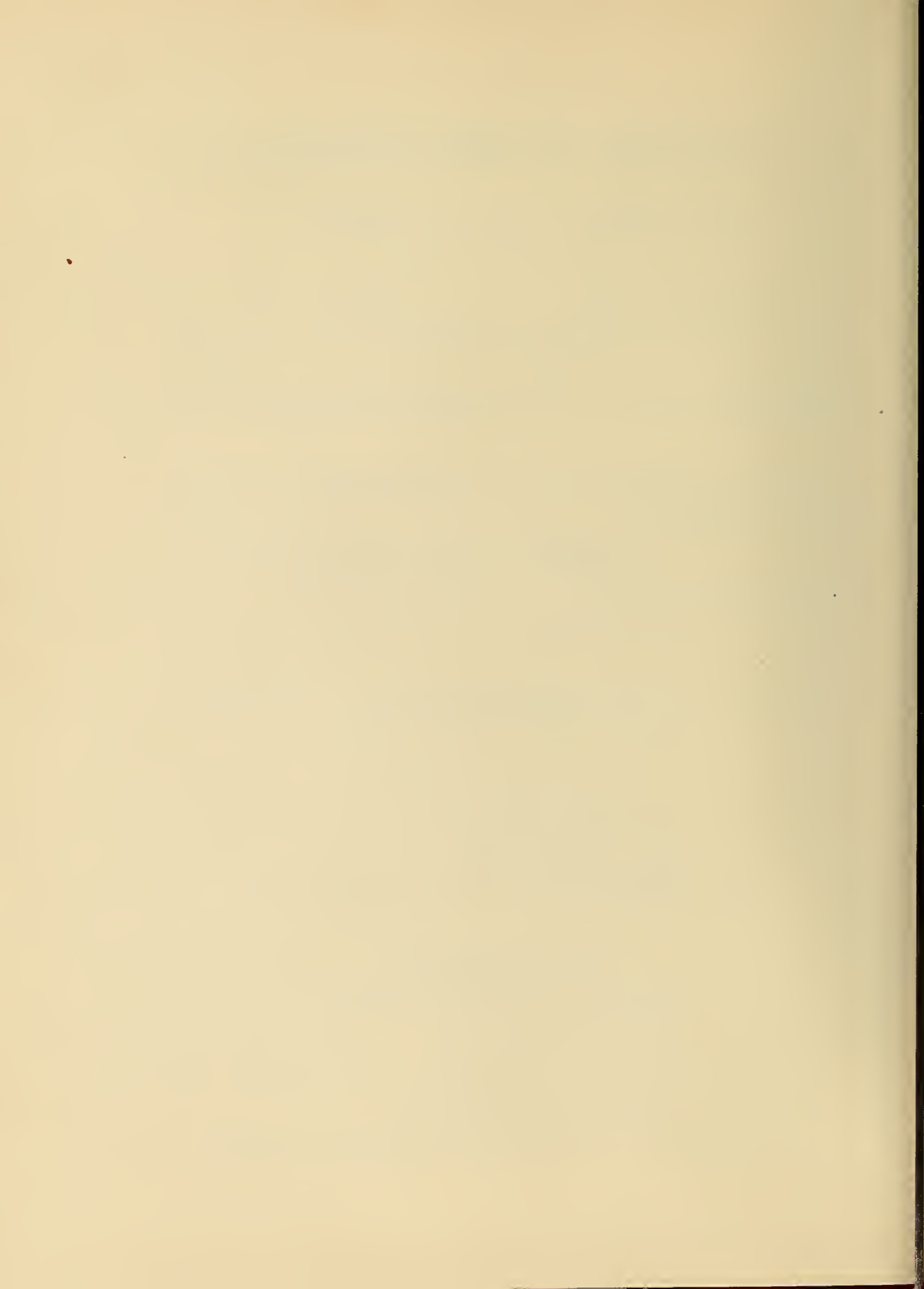
REGINALD GORDON, A.B.

EDMUND H. MILLER, Ph.D.

GEORGE N. OLCOTT, Ph.D.

ELLSWORTH ELIOT, Jr., M.D.

ARTHUR SEYMOUR VOSBURGH, M.D.



Order of Exercises

MUSIC

Marche et Cortége *Gounod*

I. Prayer By the Chaplain of the University

II. Address By the President of the University

MUSIC

Allegretto from 3d Suite *Arthur Bird*

III. Conferring of the Degree of Bachelor of Arts

COLUMBIA COLLEGE

The candidates will be presented by

Professor J. HOWARD VAN AMRINGE

Dean of Columbia College

David Armstrong
Edward Wood Baker
William Francis Beers, Jr.
William Aitken Bensel
August Abraham Boehm
William Henry Boese
Victor Fitch Mount Bonsall
Elliot Williams Boone
Lewis F. Bowditch
Samuel Winter Bowne
Farrand Dodd Brower
Squire Fred Browne
Edward Bright Bruce
Joseph Stettenheim Bühler

Henry Duncan Bulkley
Michael Hart Cardozo, Jr.
Raymond Chamberlain, Ph.B.
Frederick Pearce Delgado
Chauncey Mitchell Depew, Jr.
George Laurence Donnellan
Aaron Phinius Drucker
Herman Duden, Jr.
Knowlton Durham
Charles Eastmond
Elisha Jay Edwards, Jr.
Kenneth Benbow Elliman
Aden Alnerian English
Paul Allen English

Arthur Ogden Ernst
Charles Savage Forbes
Albert Forsch
George Kenyon Foster
Milton L. Frank
Sidney Marsden Fuerst
Henry Roderick Grant
James Gray
Harris Harold Gumm
Francis Reboule Halsey
Hans Olaf Hanson
Samuel Asbury Harpending
Julian Collier Harrison
Marshall Lawrence Havey
Charles Edward Haydock
Walter James Heimann
Frederick William Justus Heuser
Richard Hogan
John Gillespie Jackson
Harold Huntington Jacocks
George Beckwith Keeler
Achilles Herrman Kohn
Harold Korn
Allison Michael Lederer
Karl Kumler Lorenz

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John Kenny Lynch
James Francis McDonnell
Harold Allison Mattice
Edward Bedinger Mitchell
Walter Joseph Mosenthal
Stephen Payn Nash
Archie Wheeler Palmer
Robert Bruce Pegram
David Gould Proctor
Warren D. Renninger
Alfred Dwight Senftner
James Sheerin
Woolsey Adams Shepard
Herbert Fedor Small
John Boyce Smith, Jr.
Vernon Champney Stewart
Eugene Tavenner, A.B.
William Marsh Van Cise
Egbert Hammond Pinneo Ward
Henry Wetherhorn
Robert Hooper White
James Thomas Williams, Jr.
Harry Morris Wise
Lorande Lors Woodruff
Edgar Allan Woolf

BARNARD COLLEGE

The candidates will be presented by

Miss LAURA D. GILL

Dean of Barnard College

Mary Olive Barrick
Alice Beer
Edith Berry
Lisa Delavan Bloodgood
Bertha Brown
Margaret Buffington

Eliza Rhees Butler
Marie Elise Helen Cameron
Elizabeth Merle Carhart
Cerise Emily Agnes Carman
Helen Elizabeth Catlin
Isabella Mitchell Cooper

Harriet Elizabeth Cutting
Pauline Hamilton Dederer
Mary Lavinia Eaton
Mabel Elting
Mary Hedges Fisher
Elizabeth Hamilton
Lenda Tracy Hanks
Madalene Heroy
Clara Elizabeth Hudson
Isabelle Estelle Isaacs
Lillie Friedlander Jacobs
Adele Remsen Johnson
Euphemia Johnson
Hilda Emily Josephthal
Helen Agnes Kane
Olive Catherine Kellogg
Rose Lois Kraker
Eda Flora Kunz
Agnes Crawford Leaycraft

Amy Loveman
Christina Louise McKim
Mary Rathbone Morrison
Florence Oppenheimer
Bessie May Osborn
Meta Pollak
Jennie Florence Preston
Rosina Julia Rennert
Elizabeth Carpenter Roberts
Florence Lucas Sanville
Sarah Edwards Schuyler
Sissie Cecile Straus
Jannetta Gordon Studdiford
Marian Goodall Townsend
Marguerite Edith Upton
Alma Frank Wallach
Marie Louise Wehncke
May Godfrey Wendell
Cordelia Wendt

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Catherine Elizabeth Whitney

IV. Conferring of the Degree of Bachelor of Laws

The candidates will be presented by

Professor WILLIAM A. KEENER

Dean of the School of Law

William Abbe, A.B.
Rupert Wentworth Kelsall Ander-
son
Max Arens
Lawrence Edgar Armstrong, Ph.B.,
A.M.
David Archibald Aronson, B.S.
Jacob Jay Aronson, A.M.
Frederick Clark Averill, Ph.B.,
A.M.
Morton Knight Averill, A.B.
Louis Belmont Baker, M.D.

Warfield Clay Bennett, A.B.
Martin Birnbaum, A.M.
Eugene Blumenthal, A.B.
George Edric Brimmer
William Warren Bross, A.M.
Russell Trall Byers, Ph.B.
Adam Christmann, Jr.
Max Cohen, A.B.
John Winthrop Comey, Ph.B.
Joseph Eugene Corrigan, A.M.
Ellicott Douglass Curtis, A.B.
Ernest Wolcott Cushing, A.B.

Harry Alonzo Cushing, Ph.D.
Charles John Doherty
Irving Ephram Doob, B.S.
William Howard Doughty, Jr.,
A.B.
George Edwards Duncan, A.B.
Francis Engelbert Eyanson, B.L.
Wallace Strong Farnham
Samuel Melvin Fischer, A.M.
Edward James Flanagan
Charles William Floyd, A.B.
Robert Charles Fox
Charles Fuller, A.B.
Edward Percy Gilchrist, Ph.B.
Isaac Walter Goodhue, B.D.
Harry Louis Haas, A.B.
Joseph Haber, Jr., Ph.B.
Lester Walton Hall, Ph.B.
Gustave Haussling
Harry Cornell Hazzard, A.B.
Bernard Schmaltz Heller, B.S.
Sydney Hubert Herman, A.M.
Walter Stokes Josephson
Sidney Louis Josephthal, A.B.
Emanuel Metzger Kaiser, A.B.
Harry Conrad Adolphus Kayser
Robert Berthoud Killgore
Herman Leopold Koenig
Arthur Lee, A.B.
Louis Samter Levy, A.M.
Francis Sims McGrath, B.S.
Olney Blanchard Mairs, A.B.
Martin Thomas Manton
Joseph Spencer Menline, A.M.
Nelson Dorrington Miller
Francis Xavier Mooney
Alfred Christian Mueller, LL.B.
David Sydney Myers, A.B.

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Norton Perkins, A.B.
Oliver Sheppard Picher, A.B.
Mark Charles Platt, B.S.
Henry William Pollock
Herbert Frederick Reynolds, A.B.
Harold Sylvester Recknagel, A.B.
Leonard Franklin Requa, Jr.
Rodman Richardson
Beverley Randolph Robinson, A.B.
Herman Foster Robinson, A.B.
John Shillito Rogers, A.B.
S. Leo Ruslander
Allan Scott, B.S.
Prescott Alfriend Sherer, A.B.
Samuel Silbiger
Robert Leslie Smith
John Hebard Snyder, A.B.
Charles Erastus Southard, B.S.
John William Stayton, Jr.
William Bittle Symmes, Jr., A.B.
George Connell Tarler, M.S., A.M.
Theodore Charles Tebbetts, A.B.
William Hall Trigg
Robert James Turnbull, Jr., A.B.
Lucius Don Turner
Cornelius Boardman Tyler, A.B.
George Émile Vigouroux
Byron Roger Wales
Harold Walker, A.B.
Charles Whitney Ward
Lucien Thompson Warner, A.B.
Edgar Francis Waterman, A.B.
John Wendt
Burton Wilbur Wilson, A.B.
George Wood Wilson, B.S.
Jerome Wilzin
John Munro Woolsey, A.B.
Albert Mazzini Yuzzolino, A.B.

V. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH
will first be administered by
Professor JOHN G. CURTIS

by whom the candidates will also be presented

Jonas Adelson	John Dickinson Curran, B.S.
Hermann Morris Adler, A.B.	Philip John Curran
Alexander John Aitcheson Alexander, A.B.	William Darrach, A.B.
Julius Elmer Alter	Arthur Winfield Day, A.B.
Joseph Hector Bainton, A.B.	Raimundo de Castro y Bachiller, A.B.
Addison Waddell Baird	Faust Stansfield De Long
Francis William Barton, B.S.	Dudley Brainard Deming, Ph.B.
Louis Bauman	Edward Lewis Dodd, A.B.
Howard Bayles	Francis Bernard Donohue, A.B., A.M.
Alfred Chapman Benedict, B.S.	James Gracey Dunseith
James Wallace Beveridge	Walter Frederick Engel
Philip Worcester Bill, Ph.B.	George John Balleray Flood
Robert Franklin Bliss	Herman P. Foehrenbach, A.B.
John Howard Blue, B.S.	Harvey Thompson Frazer, B.S.
Oscar Henry Bohm	Carl Fulda
Charles Frederick Bolduan, Ph.G.	Charles John Gabriel
Arthur Bookman, A.B.	Sparrell Simmons Gale, A.B.
Harry Britenstool	Harold Carl Geyer, A.B.
Leo Buerger, A.B.	James Philip Gibbs, A.M.
Ralph Edward Buffington	Curtenius Gillette, A.B.
Lucius Constant Bulkley, A.B.	Charles Goldman
Douglas Walker Cairns	Frederic Grosvenor Goodridge, A.B.
Herbert Richard Charlton	Gaston Greil, B.S.
Walter Frank Cimiotti	Bernard Joseph Gretsches, LL.B.
Hermann Cohn	Louis Grossmann
Joseph Dayton Condit, A.B.	George Washington Hart
Albert Samuel Cooke	William Lewis Hartman, Ph.B.
George Eversleigh Cram, Ph.B.	Francis Reynolds Haussling, B.S.
Edward Lawrence Creeden, A.B.	Samuel Carruth Haven, A.B.
William Daniel Cronin	
Joseph Atwood Cunningham, A.B.	

Charles Lewis Henriquez, B.S.
 Frederick Grady Hodgson
 Oliver Thompson Hyde, B.S.
 Frank Hussy Jackson, Jr.
 Charles Frederic Jellinghaus, A.B.
 Willis Bryant Jones
 James Robert Judd, A.B.
 David Kramer
 David Heine Levy
 Isaac Harris Levy
 James Hoyt Lewis, A.B.
 Samuel Boughton Whitman Ley-
 enberger
 Edward Sanderson Loizeaux
 Joseph Francis McCarthy, Phar.D.
 Rob Roy McCully, Ph.G.
 Edward James McEntee
 William Landram McFarland
 Elisha Leavenworth McGill
 James Percy McKelvy
 Edward Townsend McKenzie, A.B.
 John Francis Wallace Meagher
 Marcius Harold Merchant, B.P.
 Robert Jack Mitchell
 Clifford Colgate Moore
 William Thomas Moynan
 Thomas Aloysius Mulcahy
 Serenus Lazarus Newman
 Bernard Sutro Oppenheimer, A.B.
 George Oscar Pelgram
 Victor Seymour Pier, Ph.G.
 Edwin Francis Pierce, A.B.
 Frank Wilcox Pinneo
 Wilfred McIlvaine Post, A.B.
 Alfred Carlyle Prentice, A.M.
 Perry Brower Preston
 Emanuel Reinhardt, A.B.
 Gibson Reynolds, A.B.
 Michael Thomas Reynolds
 Louis Dominick Riggio
 Andrews Rogers, Ph.B.
 John Jay Rogers, B.S.
 James Isaac Russell, A.B.
 Philip Francis Xavier Ryan, A.B.,
 A.M.
 William Charles Sandy, Jr., A.B.
 Benjamin Leonard Schaeffer
 Garrett Kouwenhoven Williamson
 Schenck, B.S.
 Charles Bushfield Schildecker
 Francis Alphonse Schneider
 Samuel Schulhofer
 Alfred Paul Schultz, A.B.
 Henry William Schwartz, A.B.
 Henry George Schweitzer
 James Clayton Sharp
 Leander Howard Shearer, A.B.
 Robert Willis Shearman, A.B.
 Harry Britton Slocum
 Charles Hendee Smith, B.S.
 Leo Spiegel
 Alexander Spingarn, B.S.
 Morris Stark, B.S.
 Nathan Neuville Stark, B.S.
 Robert Sythoff Starr, M.A.
 Benjamin Broadus Steedly
 De Witt Stetten
 Edgar de Mott Stryker, B.S.
 William John Teahan
 Edward Cameron Thompson, A.B.
 George Wilson Todd
 Albert John Toering
 George Wonson Vandegrift, A.B.
 Philip Van Ingen, A.B.
 Henry Theodor von Deesten
 Clarence Le Fevre Vreeland
 William Norbury Vreeland
 Abraham Hirsch Wechsler
 Frank Henry Weiss, Ph.G.
 Clinton Stevens Westcott
 Sherwood Volkert Whitbeck
 William Rush Whitman, A.B.

Henry Tilton Williams
Percy Herbert Williams, A.B.
Thomas Marion Williams, A.B.
Orin Russell Witter

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William Henry Woglom
Eshoo Alkus Yacobs, B.S.
Joseph Grant Yocum
Herman Fred Lange Ziegel, B.S.

VI. Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engineer, Mechanical Engineer, and Bachelor of Science

The candidates will be presented by

PROFESSOR FREDERICK R. HUTTON

Dean of the Faculty of Applied Science

DEGREE OF ENGINEER OF MINES

Homer Armstrong
Jerome M. Colman
Russell Todd Cornell
Edmund Lowry Goode
Maurice Goodman, B.S.
John Hedges Lidgerwood, Jr.,
Mech.E.

[14]

Henry Jayne Mills
Frederick Taber Rubidge, B.S.
Clarence Maurice Schwerin
Edward Percy Smith, Mech.E.
Robert Crooks Stanley, Mech.E.
John Burgoyne Stewart
Reginald Holden Thayer

Morrison Brown Yung, Ph.B.

DEGREE OF CIVIL ENGINEER

George Albert Bos
Orrin Lawrence Brodie
Gustavus William Buchholz
Frank Coykendall
Richard Erwin Dougherty
William Chandler Du Bois
Tobias Hochlerner
Darwin Shaw Hudson, A.B.

[16]

Milton Kempner, A.B.
William Kennedy Ludlam
Charles Edward Morrison
James Giles Rae
Antone Joseph Roell
John Benjamin Wolff
Robert Simpson Woodward, Jr.
Morris Zipser

DEGREE OF ELECTRICAL ENGINEER

Howard Bayne	George Alfred Miller, Jr.
Vivian Isaac Brandon	Samuel Sidney New
James Dixon	Lindsay Reed Parker
Charles Hamilton Doud, A.B.	Isaac Dayton Parsons
Pier-Luigi Focardi, B.S.	José Bernardo Rionda
William Goerwitz	Darrow Sage
Owen Augustine Havill, A.B.	Henry Warren Scharf
Augustine Neil Lawrence	Henry Charles ter Meer
Albert Julius Levine	Samuel Howard Titus
[19]	Arnold von Schrenk

DEGREE OF MECHANICAL ENGINEER

Julius Alsberg, A.B.	Gerardo Immediato, C.E.
Louis William Bates, E.E.	John Augustine Meehan
William Henry Borden, Jr.	David Moffat Myers
Lino Montalvo Colwell, B.S.	Arthur Robinson
Abbott Morgan Cregier	Carl Gustav Adolph Schmidt, Jr.
George Gallagher Hopkins, Jr., A.B.	John Reginald Van Horne
[13]	Lester Godfrey Wilson

DEGREE OF BACHELOR OF SCIENCE

(Course in Chemistry)

George Benjamin Bernheim	William Godson Lindsay
Kaufman George Falk	Miles Rees Moffatt, A.B.
Thomas Flagler Hildreth	Robert Weise Page
George Canning Hubbard	William Paul Pickhardt, B.S.
[8]	

DEGREE OF BACHELOR OF SCIENCE

(Course in Architecture)

Herbert Mark Baer	Lawrence Hill
Samuel Joseph Bloomingdale	Harold Bartlett Knight
Morgan Colt	Frederick Roosevelt Loney
[7]	Lucien Easter Smith

VII. Conferring of the Degree of Bachelor of Science and of the Diplomas of Teachers College

The candidates will be presented by

Professor JAMES EARL RUSSELL

Dean of Teachers College

DEGREE OF BACHELOR OF SCIENCE

(Course in Education)

Esther Beatty	Oscar Lincoln McMurry
John William Hall	Belle Raynor Parsons
Ida Minerva Hollis	Irma Helen Schmelz
Frances Fahnestock Jones	Maud Johanna Staber
[9]	Gertrude Tuttle

HIGHER DIPLOMA

Naomi Norsworthy	Caroline Geraldine O'Grady
[3]	David Samuel Snedden

SECONDARY DIPLOMA

Paul Abelson, A.B.	Ida Minerva Hollis
Esmond B. Beardslee, A.B.	Olive Catherine Kellogg
Edith Berry	Mary Lovett, A.B.
Carrie Winifred Blair, A.B.	John Kenny Lynch
Marion Raymond Brown, A.B.	Henry Alexander McConkey, A.B.
Margaret Buffington	Christina Louise McKim
Elizabeth Merle Carhart	Mabel Kincheon Mason, A.B.
Jane Brodie Carpenter, A.B., B.L.	Harold Allison Mattice
Isabel Mitchell Cooper	Katherine Hedges Meigs, A.B.
Harriet Elizabeth Cutting	Mary Rathbone Morrison
Alice Belle Dawson	Adèle Oppenheimer
Loring Holmes Dodd, A.B.	Robert Bruce Pegram
Kenneth Benbon Elliman	Mary Hinton Pollock, A.B.
Mabel Elting	Sarah Edwards Schuyler
Lucia Hester Fish, A.B.	Jannetta Gordon Studdiford
Charles Savage Forbes	Martha Wilbur Watt, Ph.B.
Nelle Julia Gould, A.B.	May Godfrey Wendell
Elizabeth Hamilton	Cordelia Wendt
[37]	Franklin Zeiger, A.M.

ELEMENTARY DIPLOMA

Theodora Atwood	Frances Fahnstock Jones
Dena Baer	Anne Bush MacLear
Helen Louisa Bedell	Janet McRae
Elizabeth Sophie Berwald	Rosalie Pollock
Lewis F. Bowdish	Ada Maria Skinner
Emily Vanderbilt Brinckerhoff	Maud Johanna Staber
Ada Ramsey Clark	Edith Jessie Staley
Blanche Lillian Cole	Fanny Tattershall
Louise Fielder	Maud Valentine
Franc Estelle Foote	Herman Jay Wells
[21]	Jessie Campbell White

KINDERGARTEN DIPLOMA

Mina B. Colburn	Florence Lila Palmer
Alice Belden Coles	Belle Raynor Parsons
Elizabeth Leavenworth	Mary Cheves West
[6]	

DEPARTMENTAL DIPLOMA

DOMESTIC ART

[1] Adelaide Root Palmer

DOMESTIC SCIENCE

Esther Beatty	Mary Josephine Pincomb
Matie Pearl Clark	Irma Helen Schmelz
Sarah Hyams	Gertrude Tuttle
[7]	Helen Elizabeth Westgate

FINE ARTS

Glennie Dexter Comegys	Marguerite Henrietta Taylor
Ethel Elizabeth Foster	Amy Pomeroy Whittemore
Phoebe Condit Nicholas	Elizabeth Young
[6]	

MANUAL TRAINING

Lewis Alex Bacon	Caroline Elsa Saam
Anna Bogert Gausmann	William Amos Sargent
Lucy Anna Linvill	Emma Pitman Wilburn
Oscar Lincoln McMurry	Elmer Humphrey Willmarth
[8]	

MUSIC

Paraphrase from Tannhäuser *Wagner*

VIII. Conferring of the Degree of Master of Arts

The candidates will be presented by
Professor WILLIAM HENRY CARPENTER
Secretary of the University Council

- | | |
|---|--|
| William Herbert Adams
A.B., St. Francis Xavier College,
1900. | Marion Raymond Brown
A.B., Wells College, 1898. |
| Hermann Morris Adler
A.B., Harvard University, 1897. | Sidney David Brummer
A.B., College of the City of New
York, 1899. |
| Lewis Burton Alger
Ph.B., University of Michigan, 1897. | Leo Buerger
A.B., College of the City of New
York, 1897. |
| Homer Daniel Angell
A.B., University of Oregon, 1900. | Edwin Bukofzer
B.S., Alabama Polytechnic Institute,
1900. |
| John Hampton Atkinson
Ph.B., Ohio University, 1897. | Lucius Constant Bulkley
A.B., Columbia University, 1898. |
| Arthur Pond Baldwin
A.B., College of the City of New
York, 1876. | Russell Trell Byers
Ph.B., Wabash College, 1898. |
| James Foote Barnett
A.B., Yale University, 1891. | Jane Brodie Carpenter
A.B., Mount Holyoke College, 1898. |
| John Michel Barrett
A.B., Georgetown University, 1899. | Harrison Clark, Jr.
A.B., Columbia University, 1900. |
| William Brown Bell
A.B., Haverford College, 1900. | George Stanislaus Connell
A.B., Columbia University, 1894;
LL.B., Catholic University, 1896. |
| Marion Benedict
A.B., Vassar College, 1900. | Alice Belle Dawson
A.B., Oxford College, 1891. |
| Milton Bennion
B.S., University of Utah, 1897. | Grace Amelia Dewolf
Ph.B., Bucknell University, 1890. |
| Carrie Winifred Blair
A.B., Arcadia University, 1898. | Homer Munro Derr,
A.B., Leland Stanford Jr. University,
1898. |
| Julian Walter Brandeis
B.S., College of the City of New York,
1894; M.D., Columbia University,
1899. | Gustave-Adolphe Leo Dionne
A.B., Wooster College, 1893. |

- Loring Holmes Dodd
A.B., Dartmouth College, 1900.
- Elizabeth Hickman du Bois
A.B., Cornell University, 1897.
- David Charles Eccles
B.S., Columbia University, 1900.
- Henry Cameron Eldert
A.B., Columbia University, 1899.
- John Erskine
A.B., Columbia University, 1900.
- Francis Engelbert Eyanson
B.L., Notre Dame University, 1896.
- Robert Heyward Fernald
B.M.E., University of Maine, 1892;
M.E., Columbia University, 1898.
- Walter Lynwood Fleming
B.S., Alabama Polytechnic Institute,
1896; M.S., 1897.
- Noel Bleecker Fox
A.B., Princeton University, 1899.
- Daisy Gaus
A.B., Vassar College, 1900.
- Robert Malcolm Gay
A.B., Brooklyn Polytechnic Institute,
1900.
- Juliette Golay
A.B., Vassar College, 1894.
- Jules Eckert Goodman
A.B., Harvard University, 1899.
- Maurice Goodman
B.S., College of the City of New
York, 1897.
- Karl Fredrik Göransson
Baccalaureate, Gefle (Sweden), 1897.
- Nelle Julia Gould
A.B., Smith College, 1898.
- Clayton Meeker Hamilton
A.B., Brooklyn Polytechnic Insti-
tute, 1900.
- Sarah Havens Harlow
B.S., Wellesley College, 1891.
- Charles McGee Heck
A.B., Wake Forest College, 1900.
- Marianne Riddle Hodges
A.B., Woman's College of Baltimore,
1900.
- Andrew Light Horst
A.B., Harvard University, 1900.
- Hajime Hoshi
Tokyo Shyogyo College Certificate,
1897.
- Robert Edward Lee Irving
A.B., Trinity University, 1891.
- William Jones
A.B., Harvard University, 1900.
- William Cullen Bryant Kemp
LL.B., Columbia University, 1896;
A.B., 1900.
- Ernest Beckwith Kent
A.B., Iowa College, 1894.
- Elsie Kupfer
A.B., Columbia University, 1899.
- David Kelley Lambuth
A.B., Vanderbilt University, 1900.
- Robert Julius Lau
A.B., Central Pennsylvania College,
1900.
- William Wolfe Lesem
A.B., Columbia University, 1899.
- Anna Mary Locke
A.B., Columbia University, 1897.
- Clara Denison Loomis
A.B., Smith College, 1900.

- Charles Edward Terry Lull
A.B., Lehigh University, 1900.
- Edwin Augustus McAlpin, Jr.
A.B., Princeton University, 1898.
- John Franklin McCann, Jr.
A.B., Columbia University, 1899.
- Robert Cecil McMahon
A.B., Wesleyan University, 1900.
- Mabel Kincheon Mason
A.B., University of Toronto, 1898.
- Ellen Goodrich Means
A.B., Wellesley College, 1885.
- Theodore Clarence Mitchell
A.B., Columbia University, 1886.
- Samuel Erasmus Moffett
A.B., Columbia University, 1900.
- William Underhill Moore
A.B., Columbia University, 1900.
- Caroline Louise Mourer
A.B., Western Maryland College,
1887.
- John Muirheid
A.B., Columbia University, 1900.
- Walter Hammond Nichols
B.S., University of Michigan, 1891.
- Colman Stuart O'Loughlin
A.B., Yale University, 1899.
- Robert Brenton Olsen
A.B., Whitman College, 1900.
- Adèle Oppenheimer
A.B., Radcliffe College, 1897.
- Evelyn Osborne
A.B., Columbia University, 1900.
- Annina Periam
A.B., Woman's College of Baltimore,
1898.
- May Hinton Pollock
A.B., Columbia University, 1896.
- Oscar Lewis Pond
B.A., Indiana University, 1899.
- Mary Charlotte Priest
A.B., Columbian University, 1893.
- George Payn Quackenbos
A.B., Columbia University, 1900.
- Leopold Schuyler Quackenbush
Ph.B., Yale University, 1899.
- Augustin Leon Jean Queneau
B. ès S., University of France, 1891.
- Robert Insall Raiman
A.B., Columbia University, 1900.
- David Heydorn Ray
A.B., College of the City of New
York, 1897.
- Harry Badger Reynolds
A.B., Leland Stanford Jr. Univer-
sity, 1896.
- Herman Simon Riederer
B.S., College of the City of New
York, 1898.
- Harriet Ellen Rockwell
B.S., Elmira College, 1890.
- Edgar Walter Roovers
A.B., Harvard University, 1899.
- Robert Willis Shearman
A.B., Columbia University, 1897.
- David Samuel Snedden
A.B., Leland Stanford Jr. Uni-
versity, 1897.

Leila Clement Spaulding
A.B., Vassar College, 1899.

Henry Russell Spencer
A.B., Colby College, 1899.

Frederick William Sperling
A.B., College of the City of New
York, 1899.

Alexander Spingarn
B.S., College of the City of New
York, 1897.

Charles William Stoddart
A.B., Columbia University, 1900.

Nahum Isaac Stone
Odessa Gymnasium, Testimonium
Maturitatis, 1891.

Malcolm Sundheimer
B.S., College of the City of New
York, 1899.

Gilbert Tolman
B.M.E., University of Maine, 1896.
[106]

Louise Emery Tucker
A.B., Adelphi College, 1900.

Samuel Marion Tucker
A.B., Wofford College, 1896.

George Wonson Vandegrift
A.B., College of the City of New
York, 1897.

Royall Charles Victor
A.B., Leland Stanford Jr. Uni-
versity, 1900.

Martha Wilbur Watt
Ph.B., Brown University, 1900.

Burton Wilbur Wilson
A.B., University of Nebraska, 1896.

William Henry Wolfe, Jr.
Ph.B., Marietta College, 1899.

Alice Ida Wood
B.S., Wellesley College, 1894.

Harrison King Wright
A.B., Union College, 1899.

IX. Conferring of the Degree of Master of Laws

The candidates will be presented by

Professor WILLIAM HENRY CARPENTER

Secretary of the University Council

Walter Wheeler Cook
A.B., Columbia University, 1894;
A.M., 1899.
[2]

William Cullen Bryant Kemp
LL.B., Columbia University, 1896;
A.B., 1900.

X. Conferring of the Degree of Doctor of Philosophy

The candidates will be presented by
Professor WILLIAM HENRY CARPENTER
Secretary of the University Council

- Grace Andrews
B.S., Wellesley College, 1890; A.M.,
Columbia University, 1900.
Dissertation: The Primitive Double
Minimal Surface of the Seventh Class
and Its Conjugate.
- Frederick Mark Becket
B.A.Sc., McGill University, 1895;
A.M., Columbia University, 1899.
Dissertation: Electrolysis of Fused
Salts.
- Walter Richard Crane
A.B., University of Kansas, 1895;
A.M., 1896.
Dissertation: Investigations on Mag-
netic Fluids with Reference to Mag-
netic Ore Concentration.
- Bergen Davis
B.S., Rutgers College, 1896; A.M.,
Columbia University, 1900.
Dissertation: On a Newly Discov-
ered Phenomenon Produced by Stat-
ionary Sound Waves.
- Alfred Lewis Pinneo Dennis
A.B., Princeton University, 1896.
Dissertation: Eastern Problems at
the Close of the Eighteenth Century.
- Charles Alfred Downer
A.B., College of the City of New
York, 1886.
Essay: Frédéric Mistral, Poet and
Leader in Provence.
- Alexander Clarence Flick
A.B., Otterbein University, 1894;
A.M., 1897.
Dissertation: Loyalism in New York
during the American Revolution.
- Arthur Cleveland Hall
A.B., Trinity College, 1888; A.M.,
1893.
Dissertation: Civilization and Crime.
- Edward Frank Kern
B.S., University of Tennessee, 1897.
Dissertation: The Quantitative De-
termination and Separation of Uran-
ium.
- Alfred Louis Kroeber
A.B., Columbia University, 1896;
A.M., 1897.
Dissertation: Decorative Symbolism
of the Arapahoe.
- Isidor Loeb
B.S., University of Missouri, 1887;
M.S., LL.B., 1893.
Dissertation: The Legal Property
Relations of Married Persons.
- George W. A. Lucky
A.B., Leland Stanford Jr. Univer-
sity, 1894.
Dissertation: The Professional Train-
ing of Secondary Teachers in the
United States.
- Joseph Warren Miller, Jr.
B.S., Pennsylvania State College,
1897; A.M., Columbia University,
1899.
Dissertation: Elastic Properties of
Helical Springs.
- Herbert Raymond Moody
B.S., Massachusetts Institute of
Technology, 1892; A.M., Columbia
University, 1900.
Dissertation: Reactions at the Tem-
perature of the Electric Arc.

- Arthur Frank Joseph Remy
A.B., College of the City of New York, 1890; A.M., Columbia University, 1897.
Dissertation: The Influence of Judea and Persia on the Poetry of Germany.
- Alfred Newton Richards
A.B., Yale University, 1897; A.M., 1899.
Dissertation: A Chemical Study of Yellow Elastic Connective Tissue.
- William August Schaper
B.L., University of Wisconsin, 1895; A.M., Columbia University, 1898.
Dissertation: Sectionalism and Representation in South Carolina.
- Louis Dow Scisco
B.S., Cornell University, 1888; B.L., University of Michigan, 1898.
Dissertation: Political Nativism in New York State.
- Nathan Stern
A.B., Columbia University, 1898; A.M., 1899.
Dissertation: The Jewish Historico-critical School of the Nineteenth Century.
- Francis Bertody Sumner
B.S., University of Minnesota, 1894.
Dissertation: Kupfer's Vesicle and Its Relation to Gastrulation and Concrescence.
- Rudolf Tombo, Jr.
B.S., College of the City of New York, 1895; A.M., Columbia University, 1898; M.S., College of the City of New York, 1899.
Dissertation: Ossian in Germany.
- Allan Herbert Willett
A.B., Brown University, 1886; A.M., 1889.
Dissertation: Economic Theory of Risk and Insurance.
- Stephen Seymour Wise
A.B., Columbia University, 1892.
Dissertation: The Ethics of the Ibu Gebirol.
- Clark Wissler
A.B., Indiana University, 1897; A.M., 1899.
Dissertation: The Correlation of Mental and Physical Tests.
- Edwin Campbell Woolley
A.B., University of Chicago, 1898.
Dissertation: The Reconstruction of Georgia.

[25]

MUSIC

Transcription—"Old Folks at Home" . . . *Busch*

XI. Conferring of Honorary Degrees

DEGREE OF MASTER OF ARTS

THEODORE LOW DE VINNE

Presented by Professor J. HOWARD VAN AMRINGE

DEGREE OF MASTER OF SCIENCE

Rev. FRANK D. GAMEWELL

Presented by Professor OGDEN N. ROOD

GEORGE MOREWOOD LEFFERTS, M.D.

Presented by Professor T. MITCHELL PRUDDEN

DEGREE OF DOCTOR OF SCIENCE

ARNOLD HAGUE

Presented by Professor ROBERT SIMPSON WOODWARD

DEGREE OF DOCTOR OF LAWS

Mr. Justice RUFUS WILLIAM PECKHAM

Associate Justice of the Supreme Court of the United States

Presented by Professor WILLIAM A. KEENER

WILLIAM HENRY MAXWELL, A.M., Ph.D.

Presented by Professor NICHOLAS MURRAY BUTLER

XII. Benediction By the Chaplain of the University

MUSIC

Polonaise in E *Liszt*

COMMITTEE OF ARRANGEMENTS

COLUMBIA COLLEGE

CHARLES EDWARD HAYDOCK,
Chairman.
STEPHEN PAYN NASH
KNOWLTON DURHAM

COLLEGE OF PHYSICIANS AND SURGEONS

HERBERT RICHARD CHARLTON,
Chairman.
WILFRED McILVAINE POST, A.B.
VICTOR SEYMOUR PIER, Ph.G.

BARNARD COLLEGE

ISABELLE ESTELLE ISAACS,
Chairman.
CLARA ELIZABETH HUDSON
EDITH BERRY

SCHOOL OF LAW

WILLIAM BITTLE SYMMES, Jr., A.B.,
Chairman.
LAWRENCE EDGAR ARMSTRONG,
A.M.
CHARLES WILLIAM FLOYD, A.B.

SCHOOLS OF APPLIED SCIENCE

ROBERT SIMPSON WOODWARD, JR.,
Chairman.
JOHN AUGUSTINE MEEHAN
DAVID MOFFAT MYERS

TEACHERS COLLEGE

LOUIS ALEXANDER BACON,
Chairman.
ADA MARIA SKINNER
THEODORA ATWOOD

SCHOOLS OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

JOHN ERSKINE, A.B.
ELIZABETH HICKMAN DU BOIS, A.B.

FACULTY MARSHALS

GEORGE N. OLCOTT, Ph.D.
REGINALD GORDON, A.B.
HENRY E. CRAMPTON, Ph.D.
SAMUEL O. MILLER, C.E.
HENRY BEDINGER MITCHELL, A.M.
RUDOLF TOMBO, JR., A.M.



Columbia University
in the City of New York

ONE HUNDRED AND FORTY-EIGHTH

ANNUAL COMMENCEMENT

JUNE 11, 1902

THE ORCHESTRA
IS UNDER THE DIRECTION OF
MR. GUSTAV HINRICHS, CONDUCTOR OF MUSIC
COLUMBIA UNIVERSITY

Glin
The University
25 My '00

Order of Exercises

MUSIC

Huldigung's Marsch *Wagner*

I Prayer By the Chaplain of the University

II Address By the President of the University

Selections from Peer Gynt *Grieg*

MUSIC

III Conferring of the Degree of Bachelor of Arts

COLUMBIA COLLEGE

The candidates will be presented by

Professor J. HOWARD VAN AMRINGE

Dean of Columbia College

George Chew Atkins
James Bancroft
Clarence Whittemore Bartow
Fred Jacob Becker
Dino Bigongiari
Allan Beach Arnold Bradley
Harvey Scott Brown
Ernest Gunton Budington
Oscar Bullard
Armour Caldwell
Ralph Whitney Carey
Jarvis Pomeroy Carter

Franklin Mortimer Clark
Edward Martin Colie, Jr.
Harry Gabriel Cowen
Charles Anderson Dana
George Henry Danton
Frederick Henry Duden
Joseph Eli Eron
Kenneth Crane Faile
Bruce McLean Falconer
John Knowles Fitch
Harold Edward Ford
John Carl Arpad Gerster

Walter Lester Glenney
Warner Foote Gookin
George Christian Otto Haas
Harold Van Wyck Halsey
Kenneth Burt Halstead
James Harper, Jr.
Henry Samuel Harris
Arthur Garfield Hays
Harold Melvin Hays
Alfred Myer Hellman
James Harold Heroy
Robert Beresford Hincks
Thomas Hogan
Harry Steers Holland
Benjamin Merrill Holt
Joseph Gardner Hopkins
George Hammond Huntting
Charles Wheeler Iglehart
Burke Pritchard Jenkins
Richard Harry Johnston
Richard Kelly
Charles William Kennedy
Charles Krumweide, Jr.
John Pierce Langs
Alfred Stratton Lawrence
William Wheelock Lawson
Louis Vernon Ledoux
Eliot Lee
Harry Mier Lewy
Charles Christian Lieb
Robert Jones Littell
Edward Vern Lockhart
Samuel Pierson Lockwood
Clifford Burnett MacIntyre
Lyle Evans Mahan
Howard Brown Merrill

[97]

Stephen Barker
Victor de Beaumont

[5]

Reuben Alfonso Meyers
George Middleton
William Marsiglia Nesbit
Frederick Golding Oppenheimer
Reuben Ottenberg
Harry Lilienthal Parr
Walden Pell
William Woodford Perrine, Jr.
Louis Phillips
Henry Le Brun Poinier
Henry Starr Prince
Otto Pullich
Lyman Rhoades, Jr.
Chapman Ropes
Theodore Raymond St. John
Edward Schuster
Frank Houghton Sewall
William Brock Shoemaker
Henry Kirkland Smith
Harold Tuthill Spence
Joseph Whittlesey Spencer
Charles Clyde Spicer
Sidney Lehman Spiegelberg
Robert Lefferts Strebeigh
Horace Richmond Sturtevant
Eduard Larocque Tinker
Gilbert Oakley Ward
Spencer Waters
Henry James West
William Parker Wharton
Reginald Satterlee Willis
Stanley Kidder Wilson
Archibald Spiers Winslow
Floyd Rider Wooster
Avery Skinner Wright
John Parr Wylie

Malcolm Yohannan

Also the following :

Clive Spencer Mapes
William Henry Maxwell, Jr.

Walter Jesse Spiro

BARNARD COLLEGE

The candidates will be presented by

Miss LAURA DRAKE GILL

Dean of Barnard College

Elizabeth Allen	Mary Hedges Fisher
Georgetta Platt Aller	Mary Dederick Hall
Elsa Alsberg	Eleanore Harrison Hunt
Katharine Armstrong	Edith May Ingalls
Frances Elinor Belcher	Viola Louise Kimball
Elsa Gubner Bergen	Sue Life La Monte
Fanny Campbell Berkeley	Janet Alexander McCook
Grace Edith Boote	Annie Pickrell McKenney
Jessie Louise Brown	Ernestine Julia Molwitz
Mary Hunt Budd	Martha Wickham Moore
Harriet Wright Burton	Alice Naumburg
Elsa Patterson Campbell	Ada Blanche Clouse Neiswender
Lydia Adèle Carll	Ethel Leone Newman
Edna Cara Chapin	Grace Malvina Peters
Margaret Elizabeth Clark	Eleanor Phelps
Elizabeth Cadmus Coddington	Alma Rosenstein
Clara Coburn Cook	Jeannette Rowland Seibert
Grace Lucille De Hart	Annie Leddell Seward
Rebecca Staunton Donald	Mary Carolyn Shaen
Edith Durant	Carita Spencer
Eva Olive Dutcher	Elsie Lloyd Totten
Ruth Earle	Louise Matilda Trimble
Margaret Grote Elliman	Eleanor Elizabeth Van Cott
Helen Adelaide Fairchild	Alice Marion Waugh
Elizabeth Finnigan	Una Adèle Winterburn

[50]

IV Conferring of the Degree of Bachelor of Laws

The candidates will be presented by

Professor GEORGE WASHINGTON KIRCHWEY

Dean of the Faculty of Law

Sidney Henry Aarons, B.S.	John Brown Adams, A.B.
Harry Wagner Acton	Henry Albers, Jr., A.B.

George Hanford Ansley, A.B.
Louis Kaufman Anspacher, A.B.,
A.M.
William Edward Baird, A.B.
Charles Adkins Baker, A.B., A.M.
Cornealius C. Beekman
Bernard Adelrich Benziger, A.B.
Robert Paul Beyer
Benjamin I. Bloch
Paul Nebeker Bogart, A.B.
Norman Macleod Burrell, A.B.
Ernest Abraham Cardozo, A.B.,
A.M.
Harrison Clark, Jr., A.B., A.M.
Henry Rutgers Conger, A.B.
Robert Smith Conklin
Maurice Edward Connolly
Bridgham Curtis, A.B.
Royal Barrows Cushing, A.B.
Albert Walter Duckworth
Joseph Du Vivier
John Joseph Dwyer
James Alexander Edwards, A.B.
Henry Cameron Eldert, A.B., A.M.
Joseph Freund Foise
Leon Forst
Noel Bleecker Fox, A.B., A.M.
Walter Paul Frank, A.B.
Charles Royall Frazer, A.B., A.M.
Thomas Francis Gagan
Charles Ransom Ganter, A.B.
Merrill Edwards Gates, Jr., A.B.
Franklin Young Gladney, A.B.
Simon Henry Glasscheib
Samuel Goldberg, B.S.
James Henry Gould, A.B.
Dwight Davis Graves
James Washington Graves
Walter Henry Griffin, A.B.
Edwin Vincent Guinan
Leonard Haas, A.B.

Edward William Hamilton, A.B.
Howard Sawyer Harrington, A.B.
Samuel Mack Havens, A.B.
Charles Hentschel, Jr.
Samuel Heyman
Daniel Valentine Hopps, A.B.
Joseph Parkhurst Howe, A.B.
Hite Henry Huffaker
Robert Buckell Insley
Raeburn William Jenkins, A.B.
Frederick Vincent Jones, A.B.
Irving Jacob Joseph
Edward John Kelly, A.B.
Charles John Knoell
Loyal Leale, A.B.
Russell Cornell Leffingwell, A.B.
Sol Albert Lowenstein
John Franklin McCann, Jr., A.B.,
A.M.
Henry Smyles McGonegal
Hugh Dean McLellan, A.B.
John Marcus, A.B.
Arthur Willard Marsden
Chesley Brown Marshall, A.B.
Harry Miller
George Samuel Mittendorf, A.B.
William Underhill Moore, A.B.,
A.M.
Harley Green Moorhead, Ph.B.
William Osgood Morgan, B.S.
George H. D. Mulligan, A.B., A.M.
James R. B. Mulligan, A.B., A.M.
Vivian Meredith Myers, A.B.
Charles Melvin Neff, Ph.B.
Sidney Ossoski
Benjamin Edwin Page, A.B.
John Waring Parks, A.B.
Theophilus Parsons, A.B.
Oscar Lewis Pond, A.B., A.M.
Howard Friedman Pretzfeld, B.S.,
A.M.

Solomon Rothschild
 Rudolph Albert Seligmann, A.B.,
 A.M.
 William Joseph Smith, B.S.
 Robert Hamilton Southard, A.B.
 Frederick William Sperling, A.B.,
 A.M.
 Charles Augustus Strauss, A.B.,
 A.M.
 Alexander Louis Strouse, A.B.,
 A.M.
 Granville Forbes Sturgis
 Malcolm Sundheimer, B.S., A.M.
 Emery Howe Sykes, A.B.
 Howard Chapman Taylor
 Sidney Lionel Teven, A.B., A.M.
 John Thornley, A.B.
 [108]

Ernest Lyman Tilden, A.B.
 Myron Turner Townsend, Ph.B.
 Ferrars Heaton Tows, A.B.
 Charles Henry Tuttle, A.B.
 John Foggo Valieant, A.B.
 Henry Van Hoevenberg, Jr.
 Sylvester L'Hommedieu Ward, Jr.,
 A.B.
 Harvey Watterson
 Mayer Joseph Weinstein, A.B.
 Leo Weldon Wertheimer, Ph.B.
 Thomas Moorhead Whiteman,
 Ph.B.
 Romeyn Dudley Wickham, A.B.
 William Henry Wolfe, Jr., Ph.B.,
 A.M.
 William Frederick Wund, B.S.

V. Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

Professor JOHN G. CURTIS

by whom the candidates will also be presented

John King Adams
 Joseph Jefferson Asch, Jr.
 Max Baff
 Charles Frederick Baker
 Ralph Munson Beach
 Harold Walsworth Bell
 Leon Stanislaus Betowski
 Philip Bissell, A.B.
 Franklin Hendrickson Booth, A.B.
 Max Henry Bracker, Jr.
 Alfred Braun, A.B.

George Alexander Bridge, A.B.
 Sherman Brown
 William Tillinghast Bull, Ph.B.
 Gunni Julius Busck
 Arthur Clarkson Butts, Jr.
 Charles Hurst Chancellor
 Lino Sisto Felicisimo Chibas
 Isadore Cohn, B.S.
 Daniel Beckel Conklin
 Henry John Cole Corrigan, A.B.,
 A.M.

Aldo Bliss Coultas
Jay Byington Covert, A.B.
William Aloysius Dalton, B.S.,
M.S., Ph.D.
Edward Danforth
J. William Davis
Sigmund Deutsch
Charles Joseph Dillon, A.B.
Henry Louis Dollard
Willard Foster Doolittle
James Henry Doon
Charles Engelke
Seward Erdman, A.B.
Robert Julian Estill, A.B.
John Harry Evans, B.Agr.
Joseph Livingston Fewsmith, A.B.
Norton De Los Lull Fletcher, A.B.
Claude Augustine Frink, A.B.
Gerard Paul Garrigan
Stanley D. Giffen
David Halliday Moffat Gillespie,
A.B.
Jacob Montgomery Goldberg
Nathan Goodfriend
Gerald Harrison Grout
Arthur Haberstroh
George Henry Hahn
Allen Hamilton, A.B.
Julius Hammer
Charles Cotton Harrold, B.S.
George Graham Hart
Winfred Morgan Hartshorn, A.B.
Norman Louis Hawkins
David Meriwether Henning, M.D.
Edward Herbert
Arthur J. Herzig
Arthur Carl Heublein
Isaac Seth Hirsch
William Henry Jacob
Frank Dormer Jennings
Samuel Fosdick Jones

Harry Mayham Keator, A.B.
Albert Joseph Keenan, A.B.
Virgil Charles Kinney
Clinton Beecham Knapp, A.B.
Robert Knight
Henry Krauskopf
Otto Frederick Krehbiel, A.B.
Ernestus Otto Kuhr, A.B., A.M.
James Herbert Lawson
Lawrence Lee
Nathan Lifshutz
Harry Kalman Loew
Elbert DuBois Loughran
James Henry Lowrey
John McCabe
Herman Franklin McChesney, B.S.
George Henry McFarland, Jr., B.S.
Theodore Alexander McGraw, Jr.,
A.B.
Theobald Coleman McSheehy, A.B.
A.M.
Daniel Philip MacGuire
Frank Cameron Matthews, A.B.
Louis Durant Mead, B.S.
Harold Denman Meeker, A.B.
William Henry Meyer
Samuel Ramsey Milliken, B.S.
Seth Minot Milliken, A.B.
Parley Williams Monroe, B.S.
Fred Henry Mosler
Joseph Denis Murphy
Hugh Pius O'Neill, A.B.
Michael Francis O'Rourke, A.B.
Albert William Page
Alvin Max Pappenheimer, A.B.
Victor Howard Pentlarge
Frederic Pfletschinger, B.S.
Frederick George Phillips
Alfred William Pollak
Oran Arnold Province, A.B.
Francis Winthrop Pyle, A.B.

John Adam Quell, Jr.	Edward Anthony Spitzka
Herman Theodore Radin, A.B.	Henry Farnum Stoll
Goodrich Barbour Rhodes, A.B.	Samuel Meredith Strong
James Francis Rice, A.B., A.M.	John Jerome Sullivan, A.B., A.M.
Austen Fox Riggs, A.B.	Edward Blair Sutphen
Robert Hugh Rose, A.B.	Charles Anthony Sylvia
Benjamin Rosenblüth	Henry Woodruff Titus, A.B.
Michael Rosenblüth	William Becker Van Alstyne
Charles Kirkland Roys, A.B.	Frederick Theodore Van Beuren,
Joseph Frederick Saphir	Jr., A.B.
David Lawrence Satenstein	Frank Brush Van Wart
Louis Scheinberg	Earl Philip Warren
Hermann von Wechlinger Schulte,	Henry Edwin Waterhouse
A.B.	Frank Reed Webb
Walter Seckel	Charles Edward Webster, Jr.,
Isadore Seff	A.B.
Ernest Edward Selleck, Ph.B.	William Henry Wells, C.E., Ph.G.
Henry Burr Siglar, A.B.	William Beverly Westcott
Morris Silk, A.B.	Alfred Winslow Wheeler
Andrew Sloan	George Douglas White
Archibald Delap Smith, A.B.	Edward Reed Whittemore, A.B.
Davison Heermance Smith, A.B.	Herbert Budington Wilcox, A.B.
	Jacob Lewis Wollheim

[141]

Also the following:

Clarence Gunter	James Joseph Sebastian Walsh,
Eugene Francis Hume	B.S.
	Fred George Weygandt

[4]

VI Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engineer, Metallurgical Engineer, Mechanical Engineer, and Bachelor of Science in Chemistry and in Architecture

The candidates will be presented by
Professor FREDERICK REMSEN HUTTON
Dean of the Faculty of Applied Science

DEGREE OF ENGINEER OF MINES

Charles Edward Wagstaffe Bateson	Thomas Thornton Read
Robert Hewitt Cromwell	John Nelson Shreve
Arthur Feust	Howard Race Stewart
Frederick Maeulen	Charles Edward Watson
Frederick Charles Merry	William de Burgh Whyte
[11]	Charles Henry Wilson

Also the following:

Mason Tyler Adams, A.B.	Augustine Leon Jean Queneau,
Horace Fletcher Lunt, A.B.	B.S.
Frederick Hitchcock Morley, A.B.	Albert Roberts, B.S.
[6]	Frans Johannis von Maltitz Schimper

DEGREE OF CIVIL ENGINEER

Samuel David Bleich, B.S.	Frederick Brice Irvine
Joseph Atwater Close	Allan MacLean, A.B.
Melchor Estanislao Gaston y Rosell, A.B., B.S.	Charles Maynard Mapes
Meyer Hirschthal, B.S.	William Aloysius Murphy
[10]	Carl Tombo, B.S.
	Charles Rapelyea Wyckoff, Jr., B.S.

DEGREE OF ELECTRICAL ENGINEER

Harold Platt Daniels	James Edward O'Shea
Sidney Diamant	Walter Hayward Powers
Harry Paul Freund	Girard B. Rosenblatt
Carl Paul Goepel	Leon Walter Rosenthal
Oliver Remick Grant	Isaac Rosh Solomon
Clifford Gray	William Everett Ver Planck
Henry Field Haviland	William Murray Wallace
Wallace Munroe Hyman	Celestin John Welcke
Philip Charles Menges, B.S.	Francis Joseph White
Leo Jeremiah O'Donovan, A.B.	Arthur A. Zucker
[20]	Also the following :
Harold von Briesen	William Charles Morrell
[2]	

DEGREE OF METALLURGICAL ENGINEER

Myron Adams Pattison

DEGREE OF MECHANICAL ENGINEER

Henry Berry Britton	Leandro José Rionda
Benjamin Franklin Clark, Jr.	Samuel McNutt Ross
Robert Walter Maxwell Clarke	Philip Schlosser
Clarence Philip Crissey	Rossiter Lester Waters
Walter Percy Hatch, Jr.	Alfred Williamson
Charles Stephen Marston	Elias Ralph Wilner
Casin Watson Obert	Rudolf Wendelin Wittemann
Leslie Robert Reis	Dennistoun Wood, Jr.
Julian Pierre William Richmond	
[17]	Also the following :
Louis Allston Gillett, Ph.B.	Walter Colluzie Kretz, Ph.D.
Leopold S. Greenbaum	Walton Livingston Oakley
[4]	

DEGREE OF BACHELOR OF SCIENCE

(Course in Chemistry)

Harry Campbell Breneman	Albert Ernest Dickie
Joseph Louis Danziger	Clarence Whitney Kanolt
[5]	Lothair S. Kohnstamm

Also the following :
Oscar Walter Palmenberg

DEGREE OF BACHELOR OF SCIENCE

(Course in Architecture)

Elliott Lockwood Brown	George Washington Jacoby
Arthur Henry Bussmann	Josef Anton Scherrer
Laurence Hall Fowler, A.B.	Eugene John Schoen
Herbert Godwin	Karl Francis Joseph Seifert
John Theodore Hanemann	William Tilman Warren, B.S.
Arthur Loomis Harmon	Fred Fielding Willson

[12]

Also the following:

Charles Sumner Kaiser	David Keppel
[13]	David Heydorn Ray, A.B.

VII Conferring of the Degree of Bachelor of
Science in Education and of the Dip-
lomas of Teachers College

The candidates will be presented by

Professor JAMES EARL RUSSELL

Dean of Teachers College

DEGREE OF BACHELOR OF SCIENCE

(Course in Education)

Russell Heacock Bellows	Anne Bush MacLear
Henrietta Woodworth Carey	Frances Elbertine McRae
Louise Clark	Susanne Rebecca Marion Miller
Margaret Higgins Curtin	Naomi Norsworthy
Dena Baer	Ada Maria Skinner
Elsa Behr	Fanny Tattershall
William Eugene Freeman	Elizabeth Tener
Mary Irene Hess	Mary Cheves West

[17]

Emma Wettlin

DOCTOR'S DIPLOMA IN EDUCATION

Frank Puterbaugh Bachman	Edwin Cornelius Broome
A.B., University of Chicago, 1896.	Ph.B., Brown University, 1897; A.M., 1898.
[13]	Frank Rollins
	A.B., Wesleyan University, 1889.

MASTER'S DIPLOMA IN EDUCATION

- Lewis Burton Alger
Ph.B., University of Michigan, 1897;
A.M., Columbia University, 1901.
- Russell Heacock Bellows
- Mabel Boak
A.B., Vassar College, 1901.
- Annie Mabel Brooks
A.B., Smith College, 1898.
- Elizabeth Hankinson Bunnell
A.B., Mt. Holyoke College, 1894.
- David Excelmons Cloyd
Ph.B., University of Minnesota, 1901.
- Marion Sarah Coan
A.B., Bates College, 1899.
- Harrison S. Colburn
B.S., Purdue University, 1900.
- Margaret Elsie Cross
B.S., Normal College, Danville, Indiana, 1888.
- Ellwood P. Cubberly,
A.B., University of Indiana, 1891.
- Harriette Arms Curtiss
Ph.B., Syracuse University, 1900.
- Edwin Lyell Earle
Ph.B., University of Rome, 1902.
- Darius Eatman
A.B., University of North Carolina,
1897.
- Abram Fischlowitz
B.S., College of the City of New York,
1890; C.E., New York University,
1895.
[28]
- Abbie Emma Fountain
A.B., Colby College, 1895.
- Edward Montague Gammon
A.B., University of Georgia, 1895.
- Harry Hopkins Hubbell
A.B., Williams College, 1898.
- Phineas Israeli
A.B., College of the City of New
York, 1899.
- William Frank Little
A.B., Wesleyan University, 1892.
- Holly Whitford Maxson
A.B., Alfred University, 1897.
- Mary Percival
A.B., Mt. Holyoke College, 1898.
- James Joseph Reynolds
B.S., College of the City of New York,
1893; LL.B., New York University,
1897.
- Alexander Godfrey Smith
A.B., Columbia University, 1900;
Secondary Diploma, Teachers Col-
lege, 1900.
- Anthony Henry Suzzallo
A.B., Stanford University, 1899.
- Beekman Ramsey Terhune
A.B., Princeton University, 1901.
- Lake George Watson
Ph.B., Earlham College, 1900.
- Oscar I. Woodley
A.B., Albion College, 1901.
- Adrian Monroe Yarrington
B.L., Cornell University, 1892.

HIGHER DIPLOMA

- Wilhelmina Catherine Beller
Willis Boughton, Ph.D.
- Frederic Lowell Greene, A.M.
William B. Rafferty, A.B.

SECONDARY DIPLOMA

Arthur Pond Baldwin, A.M.	Katharine Hedges Meigs, A.B.
Alice Casamajor, A.B.	Robert Insall Raiman, A.M.
Frederick William Justus Heuser, A.B.	Laura Isabell Stone, A.B.
Margaret Edith Johnson, A.B.	Isaac Yohannan, A.M.

[8]

BACHELOR'S DIPLOMA IN EDUCATION

FOR TEACHING IN SECONDARY SCHOOLS

Antoinette Affeld, A.B. (German)	Grace Gardner Gilman, A.B. (English)
Elizabeth Allen (Mathematics)	Mary Dederick Hall (Latin)
Katharine Armstrong (History)	Eleanore Harrison Hunt (Latin)
Martha Ann Beecher, Ph.B. (Mathematics)	George Hammond Huntting (English)
Elsa Behr (Mathematics)	Viola Louise Kimball (Latin, Mathematics)
Fanny Campbell Berkeley (English)	Alfred Homes Lewis (Latin, Mathematics)
Mary Hunt Budd (Mathematics)	Ernestine Julia Molwitz (Physical Science)
Mary Olive Burr, B.L. (German)	Grace Malvina Peters (Mathematics)
Lydia Adèle Carl (English)	Rosina Julia Rennert (Biology)
Edna Cora Chapin (Physical Science)	Jeanette Rowland Seibert (English, Mathematics)
Elizabeth Cadmus Coddington (Latin)	Annie Liddell Seward (Mathematics)
Sidney Harry Dixon, A.B. (Latin)	Mary Carolyn Shaen (English)
Margaret Grote Elliman (English)	Louise Matilda Trimble, A.B. (English)
Helen Adelaide Fairchild (Latin)	Eleanor Elizabeth Van Cott (Latin)
William Eugene Freeman (History)	William Parker Wharton (English)
Leon Nathan Futter (English and History)	Malcolm Yohannan (Latin)
Alice Schieffelin Gibson, A.B. (English)	

[33]

ELEMENTARY SCHOOLS

Marion Blake
Louise Clarke
Myra Brewster Clarke
Laura Redington Frost
Anna Melissa Graves
Anna Bingham Hammond
Hans Olaf Hanson, A.B.
Marion Livingston Henderson
Mary Irene Hess
Edith McLeod
Gertrude Estelle Mabrey

[22]

Mary Smith Mack
Alice Etta Miller
Williametta Orton Nash
Mary Louisa Neer
Hildegarde Elfreda Nordell
Edith Chester Pelton
Frances Almira Shepherd
Elizabeth Tener
Cora Tomlinson
Emma Louisa Wettlin
Sophie Yudelson

KINDERGARTENS

Bird Allen
Margaret Rebecca Austin
Elizabeth Beaman
Mary Lydia Bower
Jane Wheeler Brush
Henrietta Woodworth Carey

[11]

Mary Eaton, B.L.
Harriette Elizabeth Gunn
Florence Amelia Kellogg
Cora Rose Leopold
Alice Jane Worden

DOMESTIC ART

Rose Freed
Helen Gray Noble

[3]

Elizabeth Sage

DOMESTIC SCIENCE

Eva Gertrude Bedell
Mabel Richards Dulong
Mary Dutcher
Amelie Margaret Farquhar
Mary Love Gower
Belle Hedden Joralemon
Sarah Miller

[14]

Bertha Ellen Perham
Jessie Pinning Rich
May Secrest
Eunice Eliza Strong
Cora Edith Swingle
Mary Louise Tuttle
Mary Leighton Wallace

FINE ARTS

Ella Friedman
Mary Forward Kooser
Anna Nordell

[5]

Jessie Cary Stangland
Helen Maria Turner

MANUAL TRAINING

Henry Ewing Colton
Harriet Maria Goodrich
Charles Louis Jacobs

William Noyes
John Thompson
Grace Vincent

[6]

FINE ARTS AND MANUAL TRAINING

Ottilie Pamela Staber

MUSIC

Melody in F

Rubinstein

VIII Conferring of the Degree of Master of Arts

The candidates will be presented by

Professor WILLIAM HENRY CARPENTER

Secretary of the University Council

John William Adams
A.B., Cornell University, 1901.

William Francis Beers, Jr.
A.B., Columbia University, 1901.

Antoinette Affeld
A.B., Vassar College, 1901.

Clara de Lissa Berg
A.B., Columbia University, 1898.

Lewis Burton Alger
Ph.B., University of Michigan, 1897.

Clinton Ambrose Billig
A.B., Ohio Wesleyan University,
1898.

Saul Badanes
Pd.M., New York University, 1891;
Pd.D., 1894.

Arthur Horace Blanchard
C.E., Brown University, 1899.

Norris Caleb Bailey
B.S., Wesleyan University, 1899.

Samuel David Bleich
B.S., College of the City of New York,
1899.

Florence Theodora Baldwin
A.B., Columbia University, 1900.

Mabel Boak
A.B., Vassar College, 1901.

John Michel Barrett
A.B., Georgetown University, 1899.

Victor Fitch Mount Bonsall
A.B., Columbia University, 1901.

Martha Ann Beecher
Ph.B., Syracuse University, 1894.

- Arthur Jerome Boynton
Ph.B., Beloit College, 1896; A.B.,
Harvard University, 1901.
- Annie Mabel Brooks
A.B., Smith College, 1898.
- Irving Crawford Bull
Ph.B., Yale University, 1901.
- Ralph James M. Bullowa
A.B., College of the City of New
York, 1900.
- Elizabeth Hankinson Bunnell
A.B., Mt. Holyoke College, 1894.
- Margaret Frances Byington
A.B., Wellesley College, 1900.
- Herbert Grant Campbell
Ph.B., Cornell College (Ia.), 1896.
- Alice Casamajor
A.B., Adelphi College, 1899.
- Raymond Chamberlain
Ph.B., Illinois Wesleyan University,
1900; A.B., Columbia University,
1901.
- Valentine Laura Chandor
A.B., Columbia University, 1900.
- Miriam Foster Choate
A.B., Smith College, 1899.
- Emily Josephine Clark
B.A., Wellesley College, 1882; M.A.,
1893.
- David Excelmons Cloyd
Ph.B., University of Minnesota, 1901.
- Marion Sarah Coan
A.B., Bates College, 1899.
- Margaret Elmer Coe
A.B., Smith College, 1897.
- Harrison Siner Colburn
B.S., Purdue University, 1900.
- Elizabeth Christine Cook
A.B., Smith College, 1899.
- Herbert Gould Crocker
B.L., Washburn College, 1897.
- Margaret Elsie Cross
B.S., Central Normal College (Ind.),
1888.
- Ellwood P. Cubberley
A.B., University of Indiana, 1891.
- Harriette Arms Curtiss
Ph.B., Syracuse University, 1900.
- Alice Belle Dawson
A.B., Oxford College, 1891.
- Jean Louise de Forest
Ph.B., Wesleyan University, 1896.
- Sidney Harry Dixon
A.B., Columbia University, 1900.
- Knowlton Durham
A.B., Columbia University, 1901.
- William Oliver Easton
A.B., Wittenberg College, 1893.
- Darius Eatman
A.B., University of North Carolina,
1897.
- Aaron Eiseman
Ph.B., New York University, 1901.
- Isabel Elias
A.B., Trinity College (N. C.), 1899.
- Charles Albert Fach
B.S., University of Missouri, 1901.
- Joseph Diehl Fackenthal
A.B., Columbia University, 1900.
- Edith Miriam Fairchild
Ph.B., Berea College, 1897.
- Frank Andrews Fall
A.B., Albion College, 1899.
- Frederic Ernest Farrington
A.B., Harvard University, 1894.
- Abram Fischlowitz
B.S., College of the City of New
York, 1890; C.E., New York Univer-
sity, 1895.
- Emma Abbie Fountain
A.B., Colby University, 1895.
- Moses Leonard Frazier
Ph.B., Mt. Union College, 1896;
Ph.M., 1899; LL.B., New York Law
School, 1899.

- Sidney Marsden Fuerst
A.B., Columbia University, 1901.
- Edward Montague Gammon
B.S., University of Georgia, 1895.
- Robert McCheyne George
B.S., Geneva College, 1897.
- Walter Diedrick Gerken
B.S., Cornell University, 1899.
- Alice Schieffelin Gibson
A.B., Vassar College, 1901.
- Henry Starr Giddings
A.B., Columbia University, 1900.
- Harry Allen Gordon
A.B., College of the City of New York, 1901.
- Anna Liguoria Gray
Ph.B., Brown University, 1899.
- Glen Arnold Grove
A.B., Colgate University, 1897.
- Paula Grün
Certif. K. K. Lehrer-Bildungs-Anstalt, Vienna, 1895.
- Edgar Halliday
A.B., Princeton University, 1898.
- John William Hall
B.S., Columbia University, 1901.
- Lenda Tracy Hanks
A.B., Columbia University, 1901.
- John Ferguson Harper
B.S., College of the City of New York, 1901.
- Howard Sawyer Harrington
A.B., Columbia University, 1899.
- Charles Cotton Harrold
B.S., University of Georgia, 1898.
- Samuel Perkins Hayes
A.B., Amherst College, 1896.
- Felix Hecht
B.S., College of the City of New York, 1900.
- Florence French Henry
A.B., Cornell University, 1901.
- Frederick William Justus Heuser
A.B., Columbia University, 1901.
- Carrie May Hillemeier
A.B., Wellesley College, 1901.
- Abbie Sylvia Hodgetts
A.B., Nebraska Wesleyan University, 1896.
- Daniel Valentine Hopps
A.B., University of Georgia, 1899.
- Harry Hopkins Hubbell
A.B., Williams College, 1898.
- Percy Hughes
A.B., Alfred University, 1899.
- Raeburn William Jenkins
A.B., College of the City of New York, 1899.
- Henry Johnson
B.L., University of Minnesota, 1889.
- Margaret Edith Johnson
A.B., Adelphi College, 1899.
- Mordecai Menahem Kaplan
A.B., College of the City of New York, 1900.
- George Beckwith Keeler
A.B., Columbia University, 1901.
- Mary Stewart Kennedy
Pd.M., New York University, 1899;
A.B., Adelphi College, 1901.
- Adèle Louise Klein
A.B., University of Michigan, 1901.
- Walter Thomas Kohn
A.B., College of the City of New York, 1900.
- Tosaburo Konno
Equiv. A.B., Tokyo Law School,
University of California.
- Rose Lois Kraker
A.B., Columbia University, 1901.

- Robert Percy Levis
A.B., University of Rochester, 1898.
- Samuel Samter Levy
A.B., Yale University, 1900.
- Emily Pauline Locke
B.L., Smith College, 1900.
- Louise Ropes Loomis
A.B., Wellesley College, 1897.
- Oscar Lowenstein
A.B., Columbia University, 1900.
- Margaret McLean
A.B., Southwestern University, 1892.
- James Callanan Madigan
A.B., College of the City of New York, 1900.
- John Harold Marsching
Abiturienten - Zeugnis, Oberrealschule von Freiburg i. B., Germany, 1900.
- George Kempton Martin
B.S., College of the City of New York, 1893.
- Holly Whitford Maxson
A.B., Alfred University, 1897.
- Lewis Durant Mead
B.S., University of California, 1898.
- Katharine Hedges Meigs
A.B., Smith College, 1891.
- Charles Clark Miller
A.B., Princeton University, 1900.
- Harry Brainerd Mitchell
A.B., Amherst College, 1901.
- Charles Barclay Moore
A.B., Wabash College, 1900.
- John Arthur Morgan
E.E., Lafayette College, 1901.
- George Morris,
B.S., Rutgers College, 1889; M.S., 1894.
- Charles Edward Morrison,
B.S., College of the City of New York, 1897.
- George Frank Nason
Equiv. A.B., Cumberland University, 1897.
- Virginia Newcomb
A.B., Columbia University, 1900.
- Thomas Edward O'Brien
A.B., Columbia University, 1900.
- Mary Percival
A.B., Mt. Holyoke College, 1898.
- Frederick Torrel Persons
A.B., Yale University, 1894.
- Ernest William Sutton Pickhardt
A.B., Harvard University, 1898;
LL.B., New York Law School, 1900.
- May Hinton Pollock,
A.B., Columbia University, 1896.
- Oscar Lewis Pond,
A.B., Indiana University, 1899.
- Salamon Zuscha Prokesch,
Ph.B., New York University, 1900.
- William Bernard Rafferty
A.B., St. Lawrence University, 1890.
- David Heydorn Ray
A.B., College of the City of New York, 1897; B.S., Columbia University, 1901.
- William T. Reich
Mech. E., Technical University of Vienna, 1888.
- Katharine Campbell Reiley
A.B., Vassar College, 1895.
- Rosina Julia Rennert
A.B., Columbia University, 1901.
- James Joseph Reynolds
B.S., College of the City of New York, 1893; LL.B., New York University, 1897.
- Alfred Eugene Roberts
A.B., Wesleyan University, 1899.
- Sarah Grace Royce
A.B., Smith College, 1890.

- Edna Bell Simpson
A.B., Columbia University, 1900.
- Herbert Fedor Small
A.B., Columbia University, 1901.
- Alexander Godfrey Smith
A.B., Columbia University, 1900.
- John Boyce Smith, Jr.
A.B., Columbia University, 1901.
- Preserved Smith
A.B., Amherst College, 1901.
- John Oakley Spencer,
Ph.B., Illinois Wesleyan University,
1888; Ph.D., 1894.
- Everett Birney Stackpole
A.B., Bowdoin College, 1900.
- Charles Comfort Starr
Ph.B., Yale University, 1900.
- Beatrice Stepanek
A.B., Wellesley College, 1895.
- Anthony Henry Suzzallo
A.B., Stanford University, 1899.
- Hodzumi Tanaka
A.B., Tokyo-Semmon-Gakko, 1896;
A.M., 1898.
- Beekman Ramsay Terhune
A.B., Princeton University, 1901.
- Hugh Philip Tiemann,
B.S., Columbia University, 1900.
- Edwin Carleton Upton
B.S., University of Maine, 1897.
- Floyd Thomas Voris
B.S., Highland Park Normal College,
1892; M.S., 1900.
- John Edgar Wade
B.S., College of the City of New
York, 1897.
- Mark Waldmann
Graduate of Lehrer-Seminar, Berlin,
1895; of Königl-Lehrer-Seminar,
Sagan, 1899.
- Martin Walker
A.B., Concordia College, 1896.
- Lake George Watson
Ph.B., Earlham College, 1900.
- Mayer Joseph Weinstein
A.B., Columbia University, 1900.
- Herman Jay Wells,
A.B., Williams College, 1887.
- Charles Partridge Weston
B.C.E., Maine State College, 1896;
C.E., University of Maine, 1899.
- Myra Wirén
B.L., Minnesota State University,
1900.
- Nathan Wolf
Ph.B., New York University, 1900.
- Loren Newton Wood,
B.S., Carleton College, 1899.
- Oscar Israel Woodley
A.B., Albion College, 1901.
- Lorande Loss Woodruff
A.B., Columbia University, 1901.
- Charles Rapelyea Wyckoff, Jr.
B.S., Polytechnic Institute of Brook-
lyn, 1899.
- Adrian Monroe Yarrington
B.L., Cornell University, 1892.
- Stark Young
A.B., University of Mississippi, 1901.

X Conferring of the Degree of Doctor of Philosophy

The candidates will be presented by

PROFESSOR WILLIAM HENRY CARPENTER

Secretary of the University Council

William Alfred Ackerman

A.B., Lafayette College, 1894; A.M., 1897.

Dissertation: The administration of public school text-books in the United States.

Frank Puterbaugh Bachman

A.B., University of Chicago, 1896.

Dissertation: The public elementary school curriculum of England.

Benjamin Arthur Bensley

A.B., University of Toronto, 1896.

Dissertation: The evolution of the Australian marsupialia, with remarks on the relationship of the marsupials in general.

Leopold Boroschek,

B.S., College of the City of New York, 1897; A.M., Columbia University, 1900.

Dissertation: Some new derivatives of the mono nitro ortho phthalic acids.

Robert Henry Bradford

B.S., University of Utah, 1895.

Dissertation: Reactions of the Zier-vogel process, and their temperature limits.

Edwin Cornelius Broome

Ph.B., Brown University, 1897; Ph.M., 1898.

Dissertation: A historical and critical discussion of college admission requirements.

Marianna Catherine Brown

A.B., Vassar College, 1893.

Dissertation: Sunday-school movements in America.

William Austin Cannon

A.B., Leland Stanford, Jr., University, 1899; A.M., 1900.

Dissertation: Studies in plant hybrids.

Israel Davidson

A.B., College of the City of New York, 1895.

Dissertation: Parody and related forms in Jewish literature.

Stephen Pierce Hayden Duggan

B.S., College of the City of New York, 1890; M.S., 1896; A.M., Columbia University, 1899.

Dissertation: The Turkish question: a study in diplomacy.

Robert Heywood Fernald

B.M.E., Maine State College, 1892; M.E., Case School of Applied Science, 1898; A.M., Columbia University, 1901.

Dissertation: Working details of a gas-engine test, including a method of determining the temperatures of exhaust gases.

James Wilford Garner

B.S., Mississippi Agricultural and Mechanical College, 1892; Ph.M., University of Chicago, 1900.

Dissertation: Reconstruction in Mississippi.

Carl Gundersen

A.B., Stanford University, 1897; A.M., Columbia University, 1899.

Dissertation: On the measure or content of assemblages of points.

Gertrude Mary Hirst

Equiv. A.B., Cambridge University, England, 1890.

Dissertation: The cults of Olbia.

- Richard Thayer Holbrook
A.B., Yale University, 1893.
Dissertation: Dante and the animal kingdom.
- George Allen Hubbell
B.S., Antioch College, 1890; A.M., 1891.
Dissertation: Horace Mann in Ohio.
- William Hallock Johnson
A.B., B.D., Princeton University, 1888; A.M., 1897.
Dissertation: The free-will problem in modern thought.
- Cassius Jackson Keyser,
B.S., Missouri State University, 1892; A.M., Columbia University, 1896.
Dissertation: The plane geometry of the point in space of four dimensions.
- Yetaro Kinoshita
A.B., Hiram College, 1899; A.M., Yale University, 1901.
Dissertation: The past and present of Japanese commerce.
- George Alfred Lawrence
A.B., Stanford University, 1892; M.D., Columbia University, 1895; A.M., 1896.
Dissertation: Studies upon the cerebral cortex in the normal human brain and in dementia paralytica.
- David Levine
A.B., College of the City of New York, 1896.
Dissertation: "Bustan al-Ukul," or "The Garden of the Sciences."
- Charles Edward Lucke
B.S., College of the City of New York, 1895; M.S., New York University, 1899.
Dissertation: The heat-engine problem.
- Floyd Jay Metzger
Ph.B., Buchtel College, 1899.
Dissertation: A new separation of thorium from cerium, lanthanum and didymium, and its application to the analysis of monazite.
- Ulrich Bonnell Phillips
A.B., University of Georgia, 1897; A.M., 1899.
Dissertation: Georgia and state rights.
- Charles Joseph Pretzfeld
A.B., Columbia University, 1898; A.M., 1900.
Dissertation: A new separation of mercury from arsenic, antimony, and copper.
- Charles Lee Raper,
A.B., Trinity College, North Carolina, 1892.
Dissertation: North Carolina; a royal province.
- Austin Flint Rogers
A.B., University of Kansas, 1899; A.M., 1900.
Dissertation: Crystallographic studies.
- Frank Rollins
A.B., Wesleyan University, 1889.
Dissertation: School administration in municipal government.
- John Cutler Torrey
A.B., University of Vermont, 1898.
Dissertation: The early development of thalassima.
- Mabel Hurd Willett
B.L., Smith College, 1895.
Dissertation: The employment of women in the clothing trade.
- Abraham Yohannan
A.B., Urmiah College, Persia, 1870; A.M., Columbia University, 1895.
Dissertation: Modern Syriac dictionary.
- Lewis Addison Youtz
Ph.B., Simpson College, 1890; Ph.M., 1893.
Dissertation: A study of the quantitative determination of antimony.

MUSIC

Selection from Henry VIII. *St. Saëns*

XI Conferring of Honorary Degrees

DEGREE OF DOCTOR OF SCIENCE

SAMUEL BENEDICT CHRISTY, Ph.D.

Professor of Mining and Metallurgy in the University of California

Presented by Professor HENRY SMITH MUNROE

DEGREE OF DOCTOR OF LAWS

EDWARD WASHBURN HOPKINS, Ph.D.

Professor of Sanskrit and Comparative Philology in Yale University

Presented by Professor EDWARD DELAVAN PERRY

MICHAEL ERNEST SADLER, A.M.

Director of Special Inquiries and Reports, Education Office, London, England

Presented by Professor JAMES EARL RUSSELL

MARIE-JOSEPH ALFRED CROISSET, Litt.D.

Dean of the Faculty of Letters in the University of Paris

Presented by Professor ADOLPHE COHN

THE RIGHT REVEREND JOHN LANCASTER SPALDING, S.T.D.

Bishop of Peoria

Presented by Professor JOHN HOWARD VAN AMRINGE

XII Benediction

By the Chaplain of the University

MUSIC

March Heroïque *Hinrichs*

COMMITTEE OF ARRANGEMENTS

COLUMBIA COLLEGE

HAROLD TUTHILL SPENCE,
Chairman

ARTHUR DELANO WEEKES, JR.

BURKE PRITCHARD JENKINS

COLLEGE OF PHYSICIANS AND SURGEONS

NORTON DE LOS LULL FLETCHER,
A.B.,
Chairman

HARRY MAYHAM KEATOR, A.B.

EDWARD ANTHONY SPITZKA

BARNARD COLLEGE

EDNA CARA CHAPIN,
Chairman

ELSIE LLOYD TOTTEN

ELIZABETH CADMUS CODDINGTON

SCHOOL OF LAW

JOSEPH PARKHURST HOWE, A.B.,
Chairman

HARVEY WATTERSON

WILLIAM EDWARD BAIRD, A.B.

SCHOOLS OF APPLIED SCIENCE

WALTER PERCY HATCH, JR.,
Chairman

HAROLD PLATT DANIELS

DENNISTOUN WOOD, JR.

TEACHERS COLLEGE

OTTLIE PAMELA STABER,
Chairman

SUSANNE REBECCA MILLER

HENRIETTA WOODWORTH CAREY

SCHOOLS OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

RAYMOND CHAMBERLAIN, A.B.

JAMES WILFORD GARNER, Ph.M.

KATHERINE CAMPBELL REILEY, A.B.

FACULTY MARSHALS

GEORGE CLINTON DENSMORE ODELL, Ph.D.

RUDOLF TOMBO, JR., Ph.D.

HENRY EDWARD CRAMPTON, Ph.D.

SAMUEL OSGOOD MILLER, C.E.

ADAM LEROY JONES, Ph.D.

HENRY JAGOE BURCHELL, JR., A.M.

JOSEPH CLEMENT PFISTER, A.M.



Columbia University
in the City of New York

ONE HUNDRED AND FORTY-NINTH

ANNUAL COMMENCEMENT

JUNE 10, 1903

THE ORCHESTRA,
THAT OF THE UNIVERSITY PHILHARMONIC SOCIETY,
IS UNDER THE DIRECTION OF
MR. GUSTAV HINRICHS, CONDUCTOR OF MUSIC
COLUMBIA UNIVERSITY

Gift
The University
25My'06

Order of Exercises

MUSIC

March—Tannhäuser *Wagner*

I Prayer By the Chaplain of the University

II Address By the President of the University

MUSIC

The Saracens *MacDowell*

III Conferring of the Degree of Bachelor of Arts

COLUMBIA COLLEGE

The candidates will be presented by
Professor J. HOWARD VAN AMRINGE
Dean of Columbia College

Clinton Gilbert Abbott	Joseph S. Bikié
Almon Edgar Adams	Marcus Isser Blank, M.D.
Frederic Joseph Agate	Yeoman Briggs
Theodore Henry Allen	Herbert Corlies Brinckerhoff
William Fitch Allen	George Henry Butler, Jr.
Martin Charles Ansorge	Louis Casamajor
David Asch	Dayton Colie
John James Bakerman	William Phillips Comstock
George Frederick Bambach	John Whiting Crowell
Nathaniel Waring Barnes	Albert Davis
Robert Bradford Bartholomew	Marcellus Hartley Dodge
Murray Harold Bass	Pendleton Dudley
James Bassett, Jr.	Harry Hamman Dyrsen
Alexander Otto Bechert	Victor de la Montagne Earle
Henry Rutgers Beekman	Arthur Frederick Egner

Henry Hart Elias
Pierce Philip Ferris
Colin Garfield Fink
Jay Irving Fort
Walter Frank
Leonhard Felix Fuld
Leon Nathan Futter
John William Goff, Jr.
Emanuel Goldenweiser
Herbert Joseph Haas
Richard Compton Harrison
Charles Le Roy Hendrickson
Henry Koch Heyman
William Forrest Hills
Alfred Hoffmann
Perry Dexter Hunt
Stanley Myer Isaacs
Lewis Iselin
Maurice Lamotte Jenks
Ely Jacques Kahn
Howard Allan Keeler
Nicholas August Koenig
Philip Bevan La Roche, Jr.
Charles Francis Lawson
Barent Lefferts
Frank Wilson Lindsley
Herbert Spencer Loveman
Harold Chaffee McCollom
Herbert Montgomery McLintock
Herbert David Mandelbaum
James Garfield Moses
Herbert Roe Odell
Louis S. Odell
Gerald Stuart O'Loughlin
Thomas Lockwood Perry
Harry Twyford Peters

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Robert Lincoln Reid
Arthur Malcolm Reis
Bernard Herman Ridder
Lawrason Riggs, Jr.
Arnold Orestes Schramm
Rudolph Carl Theodore Schroeder,
Jr.
Robert Schulman
Robert Livingston Schuyler
Harvey Ambrose Seil
Harold Shields
Jerome Benjamin Shoenfeld
Kenneth Miller Simpson
Walter Scott Spiegelberg
Harry Wylbur Stanley
George Augustus Keen Sutton
John August Swenson
John Warner Taylor
Samuel Abraham Telsey
William Frederick Thoman
Lloyd Brant Thomas
Charles Doswell Tomkies
Camille Augustus Toussaint
Henry Clark Townsend, Jr.
William Fyfe Turnbull
Rudolph Ludwig von Bernuth
Benjamin Rudolph von Sholly
Ralph Henry Waddell
Leonard Michael Wallstein
George Earle Warren
Frederic Lyman Wells
Gerard Bernard Werner
Edwin Wolff
Christopher Billopp Wyatt
Clarence Johnson Wyckoff

BARNARD COLLEGE

The candidates will be presented by

Miss LAURA DRAKE GILL

Dean of Barnard College

Jessie Alice Addoms	Edna Blanche Jones
Gulielma Fell Alsop	Helen Louise King
Marion Elizabeth Pruyne Ball	Lucile Kohn
Alice Clara Judith Bamberger	Elsbeth Kroeber
Anita Gella Cahn	Marion Elizabeth Latham
Florence Palmer Cheesman	Jean Wallace Miller
Gertrude Helen Clark	Ethel Blanchard Newton
Bertha Clough	Ethel Manter Pool
Helen Louise Cohen	Katherine Ellen Poole
Mary Elizabeth Scovell Colt	Amelia Maude Robinson
Harriet McDoual Daniels	Helen Miles Rogers
Ellice Heaton Fitch	Ellen Riley Rushmore
Edna Louise Fry	Laura Randolph Seguire
Mary Groff	Maisie Seville Shainwald
Clara Emilie Gruening	Lucy Fidelia Sherman
Mary Fredericka Harrison	Madeleine Dayrell Skinner
Elsa Goldina Herzfeld	Bessie Ilsley Thompson
Sarah Adaline Holt	Louise Josephine Colvin Toscano
Ida May Hope	Laura Knowles Van Cise
Elizabeth Horn	Adele Nettie Wallach
Clare Maclelen Howard	Elizabeth Roe Walters
Ruth Bouton Howe	Anna Goodwin Ware
May Amerman Johnson	Marie Henrietta Detlef Wedemeyer
	Ethel Dodge Wilcox

[47]

IV Conferring of the Degree of Bachelor of Laws

The candidates will be presented by

Professor GEORGE WASHINGTON KIRCHWEY

Dean of the Faculty of Law

Paul Smith Ache, C.E.	William Brown Bell, A.B., A.M.
Henry Garfield Alsberg, A.B.	Clarence Ide Boardman
Homer Daniel Angell, A.B., A.M.	Edward Mortimer Boyle
Hugo James Bartholomae	Francis Joseph Brine

Ralph James M. Bullowa, A.B.,
 A.M.
 Melville Henry Cane, A.B.
 Rudy Cole
 Charles Lacy Craig
 Lionel Darlington, B.S., A.M.
 Lee Parsons Davis
 Edgar Ackerman De Yoe
 John Philip Dippel
 John Bernard Doyle, A.B.
 William Bernard Dressler, A.B.
 Herman Duden, Jr., A.B.
 Isidore Edelstein
 Joseph Henry Esser, A.B.
 Orville Devere Estee, A.B.
 Joseph Diehl Fackenthal, A.B.,
 A.M.
 Lee Fassett
 Albert Forsch, A.B.
 Alfred Frankenthaler, A.B.
 Albert Marx Friedenbergh, B.S.
 Hugh Cornelius Gearin
 Henry Starr Giddings, A.B., A.M.
 Garrard Glenn, A.B.
 Harry Norman Gottlieb, A.B.
 Charles Tilford Green
 Arnold Gross
 Stetson Pratt Hardenbergh, A.B.
 Julian Collier Harrison, A.B.
 Charles Phillips Hatcher
 James Ard Haughwout, A.B.
 George Howard Ittleman
 Jerome Carlton Jackson, B.S.
 John Gillespie Jackson, A.B.
 Tristram Burges Johnson
 George Beckwith Keeler, A.B.,
 A.M.
 Ralph Anthony Kennan
 James Rintoul Knapp, A.B.
 William Kinney Koerner
 Achilles Herrman Kohn, A.B.
 Walter Thomas Kohn, A.B., A.M.
 Jacob Jerome Kramer
 Leon Lauterstein
 Luke Lea, A.B., A.M.
 Overton Lea, Jr., A.B.
 Robert Percy Levis, A.B.
 Samuel Sawter Levy, A.B., A.M.
 Norvin Rudolf Lindheim, A.B.
 Frederic Irving Lockman, A.B.
 Hollister Logan, A.B.
 Oscar Lowenstein, A.B., A.M.
 Robert Hall McCormick, Jr., A.B.
 James Callanan Madigan, A.B.,
 A.M.
 Robert McCurdy Marsh, A.B., A.M.
 Henry Lewis Martin, Jr., A.B.
 Fred Mellor
 Henry Carl Mersereau
 Arnold Michaelis, A.B.
 Henry Cook Miller, A.B.
 John Norris Miller, A.B.
 Rutger Bleecker Miller, A.B.
 Henry Leo Moses, A.B.
 John Robert Moulthrop, B.L.
 Stephen Payn Nash, A.B.
 Algeron Isaacs Nova
 Thomas Edward O'Brien, A.B.,
 A.M.
 Frank Smith O'Neil, A.B.
 Charles Jones Ogden, A.B.
 Roland Swift Palmer, A.B.
 Geoffrey Parsons, A.B.
 Arthur Coxe Patterson, A.B.
 Edmund De Witt Patterson, A.B.
 William Soper Pettit
 John Grant Pheil, A.B., A.M.
 Philip Bernard Philipp, A.B.
 Harry Walton Pitkin, A.B.
 Charles Lecount Pulliam, A.B.
 Edward John Redington, A.B.
 George Eben Rendell
 Ralph Royall
 Samuel Durham Royse, A.B.

Peter Frank Ryan, B.S.
Warren Augustus Shenkowitz
Woolsey Adams Shepard, A.B.
Frederic Barnett Shoaff, Ph.B.
Samuel David Shwitzer
Solomon Edmund Sladkus
James Renwick Sloane, A.B.
Edwin Martin Spencer
Henry Austin Stickney, A.B.
John Foster Symes, Ph.B.

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Edward Hubbert Tatum, A.B.
Clarence Lot Thomas, A.B.
Karl Max Vetsburg
Royall Charles Victor, A.B., A.M.
Hardie Barr Walmsley
Aloysius Joseph Welch, A.B.
Walter Frederick Welch, A.B.
Ernest Edward Wheeler, A.B.
Pliny Wilson Williamson, A.B.
Henry Morris Wise, A.B.

V Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

Professor JOHN G. CURTIS

by whom the candidates will also be presented

Samuel Abel
Paul Allen Adams, A.B.
David Gordon Allen
Warren Beecher Andrews
Fred Reuel Baker, A.B.
Lewis Bama
Harry Barnes
William Henry Beattie, A.B.
Erich Carl Adolph Beck
George Henry Bentz
Mark Block
David Merwin Bloom
Leonard Blumgart
Milton Bodenheimer, B.S.
John Harvey Borden, A.B.
Joachim Brennglass, Ph.G.
Abraham Brill, Ph.B.
Alfred Jerome Brown, A.B.

Frank Edwin Brown
Harry Greenwood Bugbee
Jesse Godfrey M. Bullowa, A.B.
Carl Goodwin Burdick
Mortimer Gilbert Burford
James Rutherford Cannon
Gustav Benz Capito, A.B.
Arthur Freeborn Chace, B.S., A.B.
Thomas Arthur Clay
Gerhard Hutchison Cocks, A.B.
Frank Cohen
Edwin Arthur Colton, A.B.
Albert Edward Cook
Leighton Randolph Cornman
Charles Bartles Cortright
John Joseph Cosgrove
Henry Clay Cowles, Jr., A.B.
Frank Haines David

Fred Augustus Deal, M.D.
Ralph De Baun
Joseph Lawrence Dias
Francis Elbert DuBois, A.B.
Roger Durham, A.B.
Wilbur Bruce Elmore, A.B.
Don Agard Epler
Frank Erdwurm, B.S.
James Pendleton Erskine, A.B.
Charles Wager Fairchild
Bryant Sloat Fassett
Samuel Thompson Faucett
Lew Henri Finch
Frederic Aloysius Finn, A.B.
Samuel Robertson Fowler
Louis Franklin
Gustav Adolph Fried, A.B.
Harry Jacob Friedman
George Henry Gage
William Van Pelt Garretson
Charles Zeh Garside
William Creighton Garvin
Fred Goldfrank, A.B.
George Clifford Gould
Ward Slosson Gregory, Ph.B.
Joseph Greif
Herman Gross
Francis Daniel Gulliver
William John Haber, Ph.G.
Charles Henry Hall
Samuel Warren Hamilton, A.B.
George Patrick Harran
Arthur Perry Hasking
Everett Merl Hawks, A.B.
Royal Storrs Haynes, Ph.B.
Max Hazay
Karl Alfred Helgeson
Alfred Collard Henderson, B.S.
Louis Herlitzka
Spencer Littlefield Higgins, B.S.
Henry Van Velsor Holcomb,
Phar.D.

Walter Henry Holdridge
Israel Horowitz
Earle Phineas Huff
Otto Von Huffman
Frederick Brown Humphreys,
Ph.B.
James Samuel Hyde
Peter Irving, A.B.
Leopold Jaches, LL.B.
Henry Kirke White Kellogg, B.S.
James Manning Kent, A.B.
John Devereux Kernan, Jr., A.B.
Leo Kessel
Isaac William Kingsbury, A.B.
Joseph Bolton Knipe
William Hugh Wellington Knipe,
A.B.
John Radway Le Comte
Frank Lehmacher
Horace Louis Leiter, A.B.
Paul Martin Lennox
Malcolm Foster Lent
Arthur James Leonard
William Wolfe Lesem, A.B., A.M.
Joseph Goodman Levy
Herman Lorber
William Ogden Lord
Frank Farra Lyne, B.L.
William Henry McCastline
William Ezra McCollom
William Alistair Bruce Macbean
Convas Lane Markham
Samuel Blackburn Marks, B.S.
Herman Otto Mosenthal, A.B.
William Gibbs Nash, A.B.
Nathan William Nelson
William Neumann
Frederick Jacob Newman
Alexander Nicoll
Leonard Francis Nicoll
Morris Lee Ogan
Charles Osgood

George Conrad Owens
Lynn Ransom Palmer
James McDavid Parkinson
Douglas Campbell Paterson
James Royden Peabody
Theodore Normand Pease
David Cowee Pierpont
Henry Morton Pierson
Edward Rudolph Posner
Philip Sheridan Potter, A.B.
Robert Edward Pou
Alfonso Manuel Puente, A.B.
William Edward Recknagel
Robert Lincoln Reid
Robert Finley Ringland
Emanuel Marx Robinson
Aaron Rokeach
Isadore Rosen
Morris Rosenbaum
Harry Haynes Rowland, A.B.
Laurance Phillips Runyon, B.S.
Joseph Patrick Ryan
Sebastian Saladino
Otto Scheina
George Augustus Schnepel

Richard Joseph Shannahan, A.B.
Fred Albert Simmons, Ph.B.
Joseph John Sinnott
Leroy James Smith
Louis Spanier
Adolph Stern, A.B.
Louis Stork, Jr.
George Thomas Strodl, A.B.
Archibald William Taves
Arthur Russell Tilton
James Henry Trainor
Isidor Solomon Tunick
David Cushman Twichell, A.B.
Benjamin Smith Van Dyke
Harvey Judson Vary, A.B.
Max Weissman, A.B.
Brainerd Hunt Whitbeck, A.B.
Neil McLeod Whittaker
Joseph Nelson Wickham
Henry Rudolph Widmer
Frederic Darbey Williams
Irving Dewey Williams, A.B., A.M.
John Nelson Williams, A.B.
Morris Wolff
Joseph Witham Young, B.S.

Hans Zinsser, A.B.

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VI Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engineer, Metallurgical Engineer, Mechanical Engineer, and Bachelor of Science in Chemistry

The candidates will be presented by

Professor FREDERICK REMSEN HUTTON

Dean of the Faculty of Applied Science

DEGREE OF ENGINEER OF MINES

Henry Webster Aplington	George Wiebe Knoblauch, A.B.
Ernest Bamberger, A.B.	William Herbert Landers
Harry Brewster Barling	William Raymond Morley, C.E.
John Fletcher Bauchelle	Earl Richard Pembroke
Roy Nelson Bishop	Seth Freeman Rigby, B.S.
George Dodge Cabot	Maurice Schwerin
Don Gelasio Caetani	Silas Frederick Shaw
Charles Godfrey Gunther	Edmond Norton Skinner, Ph.B.
William Harold Hendrickson	Sewall Traux

Martin Jacob Ungrich

[19]

DEGREE OF CIVIL ENGINEER

Albin Hermann Beyer, Jr.	Elwood Hill Loder
Franc August Busse	Walter St. Leger McDowell
Walter Hoffmann Ford	John Michael Nicholson, A.B.
Charles Augustus Garcelon, Jr., B.S.	Glover Perin Prout
Louis Goodman, B.S.	Edward Lawrence Sayers, A.B.
Charles Alexander Holden	Arthur Moses Wolff
	Moritz Wormser, A.B.

[13]

DEGREE OF ELECTRICAL ENGINEER

Alonzo Brackett Bradley	Ramsay Charles Hoguet
Stanley Brown	Ogden Whittier Lillard
Allan Coggeshall	Montague Palmer
Edward Layton de Forest	Howard Richards, Jr., Ph.B.
Samuel Harrison Everett, Jr.	Roderick Stover
Percy Norris Golden	William Theodore Stromeyer
Frank Frommel Grevatt	Louis Stewart Thurston
Percy Le Roy Griffith	Arthur Bernard Weil

[16]

DEGREE OF METALLURGICAL ENGINEER

Irving Langmuir
[2]

L. Webster Wickes

DEGREE OF MECHANICAL ENGINEER

John Winfrid Ager
Malcolm Curry
Lester Franklin Dittenhoefer
John Pelham Faber
Eugene Frank
Louis George Henes
Henry Edward Jacoby, B.S.
William Detler Kayser
[16]

Leo Joseph Matty
Leclanché Moën
Charles Miles Pond
Julian Chase Smallwood
Walter Jesse Spiro, A.B.
William Marsh Van Cise, A.B.
William Everett Ver Planck, E. E.
Francis Patrick Walsh

DEGREE OF BACHELOR OF SCIENCE

(Course in Chemistry)

Herbert Abraham
Frederick Van Dyke Cruser
Charles Henry Dempwolf, Jr.
Henry Frank
Harold Woodbury Haines
[10]

Maurice Lindeman
Cyril Berchman McLaughlin, A.B.
Gail Mersereau
John Fairfield Thompson
George Norman Williamson, Jr.

VII Conferring of the Degree of Bachelor of
Science in Architecture

The candidates will be presented by

Professor ALFRED D. F. HAMLIN
Adjunct Professor of Architecture

Arthur Paul Frederick Adenaw
William Herman Beers
Samuel Stanhope Labouisse, B.E.
[6]

Clarence James Lane
Bruce Sylvester Palliser
Shepherd Stevens

VIII Conferring of the Degree of Bachelor of Science in Education and of the Diplomas of Teachers College

The candidates will be presented by

Professor JAMES EARL RUSSELL
Dean of Teachers College

DEGREE OF BACHELOR OF SCIENCE

(Course in Education)

Effie Murray Abrams	Peter Parley Garner
Luella Virginia Allis	Blanche Hirsch, B.S.
Charles Henry Bailey	Mary Irving Husted
Achsa Margaret Blunt	Caroline Foote Lester
Jean Alice Broadhurst	Elinor Matilda McKeighan
Arthur Henry Chamberlain	Grace McKinstry
Blanche Lillian Cole	Mary Smith Mack
Elizabeth Avery Colton, B.S.	Edith Roberts Mitchell
Anna Maria Cooley	Williametta Orton Nash
Mary Christine De Bardeleben, A.B.	Harriet Marie Plunkett
Ruth Elizabeth Dowling	Mary Varian Riblet
Savilla Alice Elkus, A.B.	Marion Garnett Ryland, A.M.
Edith Claypoole Ewing	Evelyn Swan
[27]	Jessica Knapp Turner

DOCTOR'S DIPLOMA IN EDUCATION

Ernest Norton Henderson Ph.B., University of California, 1890; A.B., 1893; A.M., 1894.	Ernest Beckwith Kent A.B., Iowa College, 1894; A.M., Columbia University, 1901.
Louis Franklin Snow Ph.B., Brown University, 1887; A.B., Harvard University, 1889; A.M., 1890.	

[3]

MASTER'S DIPLOMA IN EDUCATION

John William Adams A.B., Cornell University, 1901; A.M., Columbia University, 1902.	Liberta Ross Brown A.B., Pacific University, 1899.
Helen Winona Bailey A.B., Colorado College, 1896.	Bailey Barton Burritt A.B., University of Rochester, 1902.

Arthur Henry Chamberlain
Cook County Normal School, 1892.

Archibald Gordon Craig
Ph.B., Western University of Pennsylvania, 1900.

Mary Eva Cramer
Ph.B., Wesleyan University, 1895.

Frederick James Foster
B.S., College of the City of New York, 1891.

Alice Mabel Gilliland
Ph.B., Cornell University, 1891;
State Normal College, Albany, N. Y., 1892.

John Wesley Gould
A.B., Columbia University, 1900.

Sarah Louise Hadley
A.B., Wellesley College, 1896.

Edgar Halliday
A.B., Princeton University, 1898;
Secondary Diploma, Teachers College, 1899; A.M., Columbia University, 1902.

[19]

Thomas Cooper Halligan
B.S., College of the City of New York, 1891; LL.B., New York University, 1895.

Clarence Cherrington Henson
A.B., Ohio University, 1899; A.M., 1901.

Elijah Jenks, Jr.
B.S., College of the City of New York, 1889.

Archibald Smith Knight
A.B., Colgate University, 1892; A.M., 1895.

Bruce Ryburn Payne
A.B., Trinity College, Durham, N. C., 1896; A.M., 1902.

Stella Georgiana Streeter
B.L., Smith College, 1898.

Henry Woolf
B.S., College of the City of New York, 1895.

BACHELOR'S DIPLOMA IN EDUCATION

FOR TEACHING IN SECONDARY SCHOOLS

Jessie Alice Addoms (Latin)
Luella Virginia Allis (English)
Marion Elizabeth Pruyn Ball (History)
Jean Alice Broadhurst (Biology)
Jessie Louise Preston Brown, A.B. (History)
Florence Palmer Cheesman (Latin)
Helen Louise Cohen (English)
Elizabeth Avery Colton, B.L. (English)
Harriet McDoual Daniels (Mathematics)
Mary Christine De Bardeleben, A.B. (History)
Edith Durant, A.B. (English)

Savilla Alice Elkus, A.B. (Mathematics)
Edith Claypoole Ewing (English, History)
Helen Topping French, A.B. (English)
Leon Nathan Futter (English, History)
Peter Parley Garner (English, Mathematics)
Gerald Gordon, A.M. (English)
Mary Groff (Latin)
Marion Isabelle Hammond, B.L. (History)
Mary Fredericka Harrison (Mathematics)

Blanche Blossom Hedges, A.B. (Physical Science)	Mary Varian Riblet (English)
Blanche Hirsch, B.S. (Mathematics)	Marion Garnett Ryland, A.M. (English)
Clare MacLellen Howard (English)	Laura Randolph Seguire (Latin)
Margaret Scott Jarvie, A.B. (English)	Madeleine Dayrell Skinner (English)
Helen Agnes Kane, A.B. (Latin)	John Warrner Taylor (English)
Helen Louise King (Latin)	Jessica Knapp Turner (Mathematics)
Caroline Foote Lester (English, History)	Adele Nettie Wallach (Latin)
Elinor Matilda McKeighan (English, History)	Elizabeth Roe Walters (Mathematics)
Ethel Blanchard Newton (Mathematics)	Charles Winter Wood, A.M. (English)
Mary Alice Potter, Ph.B. (Mathematics)	Mary Caldwell Woodhull, A.B. (History, Latin)

[40]

ELEMENTARY SCHOOLS

Anne Townsend Bridgman	Nina May Nash
Lillian Roberts Duffey	Clara Charlotte Plumb
Helen Vincent Frost	Harriet Marie Plunkett
Melvin Hix	Ella Hatch Potter
Ida Elizabeth Kydd	Nettie Picard Schwerin
Grace Louise Morrison	Katherine Anne Sill

[12]

KINDERGARTENS

Ada Collins Apgar	Grace Elsie Jenkins
Sara Wells Bostwick	Fanny Lee McKinney, A.B.
Eleanor Louise Darling	Henrietta Grace Parsons
Elizabeth Johnson Freeborn	Meredith Smith
Edith Gail Harrison	Maud Whitlock
Euphemia Janet Hayes	Alice May Wyant

[12]

DOMESTIC ART

Honora Agnes Barron	Louise Hochleitner
Anna Maria Cooley	Marie C. Roberts
Anna Charlotte Hedges	

[5]

DOMESTIC SCIENCE

Eliza Benton	Euphemia Isabel Raitt
Mary Esther Blanford	May Thomas Sanford
Mary Davoren Chambers	Birdie Emma Secrest, B.S.
Amy Louise Daniels	Eleanor Elizabeth Trowbridge
Helen Marion Day	Sarah Cornelia Weeks
Alice Ward Hess, M.S.	Althea Wheeler
Ida Mae Mitchell	Helen Reynolds Wilbur
Alvena Pettee, B.S.	

[15]

FINE ARTS

Louis Jules Armand	Mary Irving Husted
Clara Elizabeth Eckhardt	Helen Lovell
Selma Charlotte Engelbrekt	Virginia Thompson

[6]

MANUAL TRAINING

James Edwin Addicott	George Lyman Lewis
Charles Ogden Atwater	Martha Mary Loftus
Charles Henry Bailey	Egbert Eugene MacNary
William Thomas Bawden	Florence Mabel Marshall, A.B.
Walter Avery Cleaveland	Marie Huntress Perley
Frances Hamilton Consalus	Ray Lloyd Southworth

[12]

MUSIC

Effie Murray Abrams	Achsa Margaret Blunt
	Margaret Maud Zerbe

[3]

MUSIC

Prelude from "Les Erinnyes" *Massenet*

IX Conferring of the Degree of Master of Laws

The candidate will be presented by

Professor WILLIAM HENRY CARPENTER

Secretary of the University Council

Ernest Abraham Cardozo

A.B., Columbia University, 1899; A.M., 1900; LL.B., 1902.

X Conferring of the Degree of Master of Arts

The candidates will be presented by

Professor WILLIAM HENRY CARPENTER

Secretary of the University Council

- | | |
|--|--|
| Edna Isabel Allyn
Ph.B., Hiram College, 1882. | Nathan White Buckhout
B.S., Pennsylvania State College,
1899. |
| Gertrude Andrews
A.B., Woman's College of Baltimore,
1901. | Anna Terressa Burchard
A.B., Vassar College, 1897. |
| Helen Winona Bailey
A.B., Colorado College, 1896. | Bailey Barton Burritt
A.B., University of Rochester, 1902. |
| Margaret Elizabeth Ball
A.B., Mount Holyoke College, 1900. | Oliver Bronson Capen
A.B., Hobart College, 1902. |
| Saul Jerome Baron
A.B., College of the City of New
York, 1901. | Harold Stearns Capron
A.B., Brown University, 1900. |
| Gilbert Newton Batchelder
B.S., Brown University, 1900. | Arthur Freeborn Chace
B.S., Earlham College, 1897; A.B.,
Harvard University, 1899. |
| Charles Dyer Bates
B.D., Cumberland Presbyterian
Theological Seminary, 1897. | Galen Howell Clevenger
B.S., South Dakota State School of
Mines, 1901. |
| Charles Austin Beard
Ph.B., DePauw University, 1898. | Harold Dunstan Clum
A.B., St. Stephen's College, 1901. |
| Bernhard Sidney Behrens
A.B., College of the City of New
York, 1902. | Palmer Cobb
Ph.B., University of North Carolina,
1901. |
| Russell Heacock Bellows
B.S., Columbia University, 1902. | Mary Culbertson Colter
A.B., Allegheny College, 1898. |
| Edgar Julius Bernheimer
A.B., College of the City of New
York, 1902. | Annie Minto Cordley
B.S., Wellesley College, 1887. |
| S. John Block
A.B., Columbia University, 1900. | Archibald Gordon Craig
Ph.B., Western University of Penn-
sylvania, 1900. |
| John Harvey Borden
A.B., Yale University, 1899. | Ethel Craighead
B.L., Smith College, 1898. |
| James Fincher Boydston
B.S., Mississippi Agricultural College,
1890. | Mary Eva Cramer
Ph.B., Wesleyan University, 1895. |
| Jessie Louise Preston Brown
A.B., Columbia University, 1902. | Leonidas Wakefield Crawford, Jr.
A.B., Trinity College (N. C.), 1898. |
| Liberta Brown
A.B., Pacific University, 1899. | Frederic Anson Cummings
A.B., Wofford College, 1896; A.M.,
1901. |

- Richard Francis Deimel
B.S., College of the City of New York, 1902.
- James Francis Dilworth
A.B., Rutgers College, 1902.
- Herbert Clifford Dorcas
Ph.B., State University of Iowa, 1895.
- John Bernard Doyle
A.B., Boston College, 1899.
- Alice Dufour
Ph.B., Defiance College, 1899.
- Joseph Eli Eron
A.B., Columbia University, 1902.
- Lola May Evans
A.B., Columbian University, 1902.
- Frank Edson Field
A.B., Yale University, 1900.
- Lucia Hester Fish
A.B., University of California, 1899.
- Daniel Johnson Fleming
B.S., Wooster University, 1898.
- André Camille Fontaine
B.L.P., University of France, 1896.
- Charles Savage Forbes
A.B., Columbia University, 1901.
- Frederick James Foster
B.S., College of the City of New York, 1891.
- Helen Topping French
A.B., Oberlin College, 1898.
- Louise Hermine Fuhlhage
A.B., Washington University, 1901.
- Edwin Franklin Gayle
A.B., Louisiana State University, 1896.
- Frederick Benjamin Gerner
A.B., Franklin and Marshall College, 1901.
- Alice Mabel Gilliland
Ph.B., Cornell University, 1891.
- John Lewis Gillin
Lit.B., Upper Iowa University, 1894;
A.B., Iowa College, 1895.
- William Henry Gleysteen
A.B., University of Michigan, 1897.
- Harold Clarke Goddard
A.B., Amherst College, 1900.
- Louis Goodman
B.S., College of the City of New York, 1901.
- Gerald Gordon
A.B., Lafayette College, 1895; A.M., 1898.
- Louis Gottschall
B.S., Columbia University, 1898.
- John Wesley Gould
A.B., Columbia University, 1900.
- Edward Kidder Graham
Ph.B., University of North Carolina, 1898.
- Clifford Gray
E.E., Columbia University, 1902.
- James Gray
A.B., Columbia University, 1901.
- George Christian Otto Haas
A.B., Columbia University, 1902.
- Sarah Louise Hadley
A.B., Wellesley College, 1896.
- Thomas C. Halligan
B.S., College of the City of New York, 1890; LL.B., New York University, 1895.
- Anna Esther Harrison
A.B., University of Kansas, 1902.
- Louise Hempstead
Ph.B., Cornell University, 1900.
- Clarence Cherrington Henson
A.B., University of Ohio, 1899; A.M., 1901.
- Edward Clark Hood
A.B., Amherst College, 1897.
- Katharine Dobbins Howard
A.B., Central College, 1901.
- George Frederick Hummel
A.B., Williams College, 1902.

- Henry Askew Jackson
B.S., Princeton University, 1899.
- Elijah Jenks, Jr.
B.S., College of the City of New York, 1889.
- Adèle Remsen Johnson
A.B., Columbia University, 1901.
- Arthur Charles Kahn
B.S., College of the City of New York, 1901.
- Archibald Smith Knight
A.B., Colgate University, 1892; A.M., 1895.
- William Hugh Wellington Knipe
A.B., College of the City of New York, 1899.
- Abraham Kovarsky
B.S., College of the City of New York, 1901.
- Mary Agnes Lauder
A.B., Vassar College, 1901.
- George Leavenworth
A.B., University of Missouri, 1902.
- Alison Michael Lederer
A.B., Columbia University, 1901.
- Alfred Homes Lewis
A.B., Columbia University, 1902.
- Ludwig Lewisohn,
A.B., College of Charleston (S. C.), 1901; A.M., 1901.
- Samuel Pierson Lockwood
A.B., Columbia University, 1902.
- Lillie Deming Loshe
A.B., Bryn Mawr College, 1899.
- Janet Alexander McCook
A.B., Columbia University, 1902.
- Robert Hall McCormick, Jr.
A.B., Yale University, 1900.
- Mary Stone McDowell
A.B., Swarthmore College, 1896.
- Leo McLaughlin
A.B., St. Francis Xavier College, 1895; LL.B., Columbia University, 1898.
- Antonio Mangano
A.B., Brown University, 1899.
- Louis Adolphe Martin, Jr.
Mech.E., Stevens Institute of Technology, 1900.
- Willie Watson Masee
B.L., University of Minnesota, 1901.
- Yeiichi Masuda
Equiv. A.B., Semmon Gakko, Tokio (Japan), 1900.
- Nelson Prentiss Mead
B.S., College of the City of New York, 1899.
- Mary Schory Merritt
A.B., Ohio Wesleyan University, 1901.
- Alvenia Barnette Miller
Equiv. of A.B. accepted by the University Council.
- John Norris Miller
A.B., Princeton University, 1900.
- Rutger Bleecker Miller
A.B., Yale University, 1900.
- Ernest Earl Morlan
B.S., University of Missouri, 1902.
- Allen Henry Nelson
A.B., Middlebury College, 1901.
- Francis Reid North
A.B., Wesleyan University, 1897.
- Charles Jones Ogden
A.B., Columbia University, 1900.
- Frank Earle Parham
A.B., Wake Forest College, 1895.
- Samuel Chester Parker
A.B., University of Cincinnati, 1901.
- William Metcalf Parkin
A.B., Leland Stanford, Jr., University, 1901.
- Bruce Ryburn Payne
A.B., Trinity College (N. C.), 1896; A.M., 1902.
- Alice M. H. Pfizer
A.B., Adelphi College, 1899.

- John Grant Pheil
A.B., Baldwin University, 1896.
- Charles Le Count Pulliam
A.B., Wabash College, 1887.
- Edith Edwina Rand
A.B., Smith College, 1899.
- Mabel Ray
A.B., Waynesburg College, 1902.
- Thomas Hasset Ray
B.S., College of the City of New York, 1901.
- Edna Harriet Richards
B.L., Swarthmore College, 1898.
- Charles Burton Robbins
A.B., University of Nebraska, 1898.
- Stella Virginia Roderick
A.B., Ohio Wesleyan University, 1901; A.M., 1902.
- William Hervy Rood
A.B., Yale University, 1899.
- Harry Hull St. Clair, Jr.
A.B., Columbia University, 1900.
- Bernhard David Saxe
B.S., College of the City of New York, 1899.
- Mary Viola Schumaker
A.B., National Normal University (O.), 1900.
- Annie Leddell Seward
A.B., Columbia University, 1902.
- Charles Franklin Shaw
A.B., Harvard University, 1901.
- Roselle Lathrop Shields (Mrs.)
A.B., Columbia University, 1898.
- Frederic Barnett Shoaff
Ph.B., University of Michigan, 1900.
- Robert Pelton Sibley
A.B., Amherst College, 1900.
- Almeron Warren Smith
B.L., University of Michigan, 1894.
- Henry Kirkland Smith
A.B., Columbia University, 1902.
- Harold Somers
A.B., Brooklyn Polytechnic Institute, 1902.
- Agatha Jean Sonna
A.B., Wellesley College, 1899.
- Henry Capen Staunton
A.B., Columbia University, 1899.
- Stella Georgiana Streeter
B.L., Smith College, 1898.
- Edward Hubbert Tatum
A.B., Yale University, 1900.
- Eugene Tavenner
A.B., Columbia University, 1901.
- Helen Louise Thomas
A.B., Boston University, 1890.
- Willys Everman Thomas
A.B., Ohio Wesleyan University, 1897.
- Ray Walter Thompson
A.B., Leland Stanford, Jr., University, 1901.
- Wesley Dee Thompson
A.B., Cumberland University, 1897;
B.D., 1900.
- Everett Lynn Thorndike
A.B., Wesleyan University, 1902.
- Susan Sayre Titsworth
A.B., Smith College, 1897.
- Payson Jackson Treat
A.B., Wesleyan University, 1900.
- Louise Matilda Trimble
A.B., Columbia University, 1902.
- Rufus Adair Vance
A.B., Missouri Valley College, 1893;
LL.B., New York Law School, 1902.
- Alice Marion Waugh
A.B., Columbia University, 1902.
- Mary Caldwell Woodhull
A.B., Columbia University, 1900.
- Henry Woolf
B.S., College of the City of New York, 1895.
- Moritz Wormser
A.B., Columbia University, 1900.
- Hans Zinsser
A.B., Columbia University, 1899.

XI Conferring of the Degree of Doctor of Philosophy

The candidates will be presented by
Professor WILLIAM HENRY CARPENTER
Secretary of the University Council

Joseph Hershey Bair

Ph.B., University of Michigan, 1900;
A.M., 1901.
Dissertation: The practice-curve;
a study in the formation of habits.

Allan Perley Ball

A.B., Amherst College, 1892; A.M.,
1895.
Dissertation: The Satire of Seneca
on the Apotheosis of Claudius, com-
monly called the *'Αποκολοκύντωβις*.

Rudolph Michael Binder

A.B., Harvard University, 1893;
B.D., University of Chicago, 1897.
Dissertation: Feeling as the principle
of individuation and socialization.

Myrick Nathaniel Bolles

B.S., South Dakota State Agricul-
tural College, 1898.
Dissertation: The concentration of
gold and silver in iron bottoms re-
duced from highly ferruginous copper
mattes.

Wilhelm Alfred Braun

A.B., Toronto University, 1895.
Dissertation: Types of Weltschmerz.

William Campbell

B.S., Royal School of Mines (London),
1898. Dissertation: The microscop-
ical examination of the alloys of cop-
per and tin.

Lewis Nathaniel Chase

A.B., Columbia University, 1895;
A.M., 1898.
Dissertation: The English heroic
play.

Horace Mann Conaway

A.B., Ohio University, 1892; A.M.,
1893.
Dissertation: The origin of the first
French Republic.

Charles William Dickson

A.M., Queen's University, 1900.
Dissertation: The ore deposits of
Sudbury, Ontario.

John Erskine

A.B., Columbia University, 1900;
A.M., 1901.
Dissertation: A study of the Eliza-
bethan lyric.

George Irving Finlay

A.B., Harvard University, 1898.
Dissertation: The nephelite-syenite
and associated dikes in the San Carlos
Mountains, Tamaulipas, Mexico.

George Livingstone Hamilton

A.B., Harvard University, 1895;
A.M., 1897.
Dissertation: The indebtedness of
Chaucer's "Troilus and Criseyde" to
Guido delle Colonne's "Historia Tro-
jana."

John Smith Harrison

A.B., Columbia University, 1899;
A.M., 1900.
Dissertation: Platonism in English
poetry of the sixteenth and seven-
teenth centuries.

Philip Bovier Hawk

B.S., Wesleyan University, 1898;
M.S., Yale University, 1902.
Dissertation: Influence of hemor-
rhage upon metabolism.

Ernest Norton Henderson

Ph.B., University of California, 1890;
A.B., 1893; A.M., 1894.
Dissertation: A study of memory for
connected trains of thought.

Alvin Saunders Johnson

A.B., Nebraska University, 1897;
A.M., 1898.
Dissertation: Rent in modern eco-
nomic theory.

Douglas Wilson Johnson

B.S., University of New Mexico, 1901.

Dissertation: The geology of the Cerillos Hills, New Mexico.

Ernest Beckwith Kent

A.B., Iowa College, 1894; A.M., Columbia University, 1902.

Dissertation: Constructive work in elementary education.

Joseph Edward Kirkwood

A.B., Pacific University, 1898; A.M., Princeton University, 1902.

Dissertation: The comparative embryology of the Cucurbitaceæ.

Horatio Sheafe Krans

A.B., Columbia University, 1894; A.M., 1897.

Dissertation: Irish life in Irish fiction.

Richard Swann Lull

B.S., Rutgers College, 1893; M.S., 1896.

Dissertation: Footprints of the Jura-Trias of North America, with a preliminary revision of the eastern, vertebrate fauna of the period.

Grace Harriet Macurdy

A.B., Radcliffe College, 1888.

Dissertation: The chronology of the extant plays of Euripides.

James Franklin Messenger

A.B., University of Kansas, 1895; A.M., Harvard University, 1901.

Dissertation: The perception of number.

James Burt Miner

B.S., University of Minnesota, 1897; LL.B., 1899; M.S., 1901.

Dissertation: Rhythms: motor, visual, and applied.

Ida Helen Ogilvie

A.B., Bryn Mawr College, 1900.

Dissertation: The geology of the Paradox Lake quadrangle, New York.

Samuel Peter Orth

B.S., Oberlin College, 1896.

Dissertation: Centralization of administration in Ohio.

George Braxton Pegram

A.B., Trinity College (N. C.), 1895.

Dissertation: Secondary radioactivity in the electrolysis of thorium solutions.

William A. Rawles

A.B., Indiana University, 1884; A.M., 1895.

Dissertation: Centralizing tendencies in the administration of Indiana.

Herman Simon Riederer

B.S., College of the City of New York, 1898; A.M., Columbia University, 1901.

Dissertation: The quantitative determination of bismuth as molybdate.

Jacob Bernard Segall

B.S., University of Jassy (Roumania), 1884; B.L., 1884.

Dissertation: Corneille and the Spanish drama.

Robert Perry Shepherd

A.B., Hiram College, 1895; A.M., 1896.

Dissertation: Turgot and the six edicts.

James Thomson Shotwell

A.B., Toronto University, 1898.

Dissertation: The history of the Eucharist.

William Roy Smith

A.B., University of Texas, 1897; A.M., 1898.

Dissertation: South Carolina: A royal province.

Louis Franklin Snow

Ph.B., Brown University, 1887; A.B., Harvard University, 1889; A.M., 1890.

Dissertation: The college curriculum in the United States.

Earl Evelyn Sperry

Ph.B., Syracuse University, 1898.

Dissertation: History of clerical celibacy in the Christian Church.

Alfred Stoeckius

A.M., Columbia University, 1900.
Dissertation: Naturalism and its application to the drama, with special reference to Gerhart Hauptmann.

Harry Beal Torrey

B.S., University of California, 1895;
M.S., 1898.
Dissertation: On regeneration in hydroids.

David Yancey Thomas

A.B., Emory College, 1894; A.M.,
Vanderbilt University, 1898.
Dissertation: Military government in the United States prior to the Civil War.

Stephen Francis Weston

A.B., Antioch College, 1879; A.M.,
1885.
Dissertation: Justice in taxation.

[39]

MUSIC

Minuet from Symphonie in E \flat *Mozart*

XII Conferring of Honorary Degrees

DEGREE OF MASTER OF ARTS

JOHN BRITTON CAULDWELL, C.E.

Presented by Professor ALFRED DWIGHT FOSTER HAMLIN

DEGREE OF DOCTOR OF LETTERS

MOSES TAYLOR PYNE, A.M., LL.B.

Trustee of Princeton University

Presented by Professor HENRY FAIRFIELD OSBORN

DEGREE OF DOCTOR OF SCIENCE

PETER COOPER HEWITT

Presented by Professor MICHAEL IDVORSKY PUPIN

JOSEPH JOHN THOMSON, M.A., F.R.S.

Cavendish Professor of Experimental Physics in the University of Cambridge

Presented by Professor WILLIAM HALLOCK

DEGREE OF DOCTOR OF SACRED THEOLOGY

GEORGE ANGIER GORDON, D.D.

Minister of Old South Church, Boston, Mass.

Presented by Professor JOHN HOWARD VAN AMRINGE

DEGREE OF DOCTOR OF LAWS

ANDREW SLOAN DRAPER, LL.D.

President of the University of Illinois

(Conferred *in camera*, February 2, 1903)

ALEXANDER CROMBIE HUMPHREYS, M.E., Sc D.

President of Stevens Institute of Technology

Presented by Professor FREDERICK REMSEN HUTTON

BENJAMIN BARKER ODELL, JR.

Governor of the State of New York

Presented by Professor FRANKLIN HENRY GIDDINGS

JULES JUSSERAND, Litt.D.

Ambassador of France

Presented by Professor BRANDER MATTHEWS

Hymn: "My Country, 'T is of Thee" . *America*

[The audience is requested to rise and join in singing the hymn]

My country, 't is of thee,
Sweet land of liberty,
Of thee I sing;
Land where my fathers died,
Land of the pilgrims' pride,
From every mountain side
Let freedom ring.

Columbia revered,
By our forefathers reared
With love and pride;
Mother of Truth and Right,
Forever may thy light
Guide us, thy sons, aright,
Where'er we bide.

Our fathers' God, to Thee,
Author of liberty,
To Thee we sing;
Long may our land be bright
With freedom's holy light;
Protect us by Thy might,
Great God, our King.

XIII Benediction

By the Chaplain of the University

Music

March aux Flambeaux *Meyerbeer*

COMMITTEE OF ARRANGEMENTS

COLUMBIA COLLEGE

HAROLD CHAFFEE McCOLLOM,
Chairman

HERBERT ROE ODELL
RUSSELL PRATT HOYT, JR.

COLLEGE OF PHYSICIANS AND SURGEONS

ALFRED JEROME BROWN, A.B.,
Chairman

JOHN DEVEREUX KERNAN, JR., A.B.
LEW HENRI FINCH

BARNARD COLLEGE

MADELEINE DAYRELL SKINNER,
Chairman

JEAN WALLACE MILLER
MARION ELIZABETH LATHAM

SCHOOL OF LAW

ARTHUR COXE PATTERSON, A.B.,
Chairman

EDWARD JOHN REDINGTON, A.B.
STEPHEN PAYN NASH, A.B.

SCHOOLS OF APPLIED SCIENCE

OGDEN MILLS BISHOP,
Chairman

STEPHEN JOSEPH PIGOTT
ALONZO BRACKETT BRADLEY

TEACHERS COLLEGE

SARA WELLS BOSTWICK,
Chairman

CAROLINE FOOTE LESTER
KATHERINE ANNE SILL

SCHOOLS OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

ALLEN BARBER EATON, A.M. LORANDE LOSS WOODRUFF, A.M.
JANET ALEXANDER McCOOK, A.B.

FACULTY MARSHALS

HENRY E. CRAMPTON, Ph.D.
GEORGE CLINTON DENSMORE ODELL, Ph.D.
WILLIAM T. BREWSTER, A.M.
JOSEPH C. PFISTER, A.M.
RUDOLF TOMBO, JR., Ph.D.
ADAM LEROY JONES, Ph.D.
CLYDE FURST, A.M.



Columbia University
in the City of New York

ONE HUNDRED AND FIFTIETH

ANNUAL COMMENCEMENT

JUNE 8, 1904

THE ORCHESTRA
THAT OF THE UNIVERSITY PHILHARMONIC SOCIETY
IS UNDER THE DIRECTION OF
MR. GUSTAV HINRICHS, CONDUCTOR OF MUSIC
COLUMBIA UNIVERSITY

1917
The University
2-14-17
1917

Order of Exercises

MUSIC

Schiller Marsch *Meyerbeer*

I Prayer By the Chaplain of the University

II Address By the President of the University

MUSIC

Salut d'Amour *Elgar*

III Conferring of the Degree of Bachelor of Arts

COLUMBIA COLLEGE

The candidates will be presented by
Professor J. HOWARD VAN AMRINGE
Dean of Columbia College

William Anthony Aery
Albert John Akin, II
Hubert Banning
William Stephen Bates
Joseph Louis Beha
Allen J. Bloomfield
John Masters Bovey, Jr.
Donald Clifford Brace
William Sidney Bryant, Jr.
Henry Daggett Bulkley
Durward Earle Burchell
Benjamin Franklin Butler
Howard Augustin Butler
Carl Pontius Carlsson
Abraham Moses Davis

Harold Benjamin Elgar
George Adams Ellis
Harold Julian Elsworth
Samuel Centennial Fish
John Redwood Fisher
Francis Bonner Forbes
Frederick Hultman Foucar
Edward Samson Fried
Merton Layton Funk
Frazer Walker Gay
Enos Throop Geer
Louis Bliss Gillett
Norman Samuel Goldberger
Paul Gerhard Gravenhorst
Van Rensselaer Hoff Greene

Arthur S. Gutman
Jules Victor Haberman
Rossin Lewis Hammerslough
Alfred Harcourt
Herbert Henry Harris
Carlton Huntley Hayes
John Harris B. Hedinger
Emory Hill
Oscar Rempel Houston
Don Emanuel Hughes
Samuel Guy Inman
Walter Abraham Jacobs
Meyer Jacobstein
Farel Louis Jouard
Albert Louis Kahn
Arthur Thomas Kerr
Edwin Patrick Kilroe
Grant Knauff
Jaxon Knox
Herman Ernst Kreuder
Henry Bischoff Krusa
Harold Benjamin Lance
Leo Levy Landauer
Maxwell Francis Lawton
Otto Herman Leber
Janvier Whitton Lindsay
Leonard Gordon McAneny
Francis William McKinney
Theodore James William Malm-
berry
Philip Moeller
Maurice Jones Munker
James Myers
Harry William Newburger
Frank Lewis O'Connell

Edgar Davidson Oppenheimer
Walter Gustav Carnes Otto
William Bacon Pettus
Eugene Pitou, Jr.
Edgar Dudensing Pitske
James Latimer Robinson
Bayard Blackwell Rodman
Charles Reseau Rose
Otto Frederick Seggel
Irving Lester Selvage
Ralph Louis Shainwald
Frank Gouldsmith Speck
Ernest Stauffen, Jr.
Harrison Ross Steeves
Herbert Leo Stein
Albert Grant Stephenson
Arthur Lewis Strasser
Henry Bragdon Swortfiguer
Alfred Edward Thurber
Walter Alvin Tice
Channing Rust Toy
James Patten Trotter
Edwin Hoyt Updike
Schuyler Waldron Van Ness
John Bayard Rodgers Verplanck
Edwin Chester Vogel
Kaufman Richard Wallach
Jacob Walz
Arthur Dudley Warren
Clarence Weissman
Udo Julius Wile
James Ernest Willcox
Randolph Colclough Wilson
Clifford Ambrose Woodard
Raphael Kuhner Wuppermann

BARNARD COLLEGE

The candidates will be presented by

Miss LAURA DRAKE GILL

Dean of Barnard College

Jessie Blanche Adams	Selma Helen Hirsch
Mildred Hunt Adey	Helen Hirshbach
Edith May Appell	Jessie Fenton Hoyt
Clara Marguerite Applegate	Florence Eddy Hubbard
Lucy Giulia Arnaud	Ethel Marjorie Hughan
Marjorie Kate Bacon	Martha Marguerita Hunt
Sadie Rose Barker	Rose Johnston
Florence Louise Beeckman	Hilma Leers
Minnie Margaret Beifeld	Grace Levy
Minnie Randolph Boulger	Ida Ethel Lewis
Helen Gertrude Buck	Caroline Lexow
Elsie Grace Bushong	Dora Elsie Lichten
Edith Butts	Jean Herring Loomis
Elfie Julia Cahen	Romola Lyon
Flora Campbell	Rose Marie McCormick
Edith Jessie Caples	Elizabeth McLean
Margaret Loretta Charles Claffy	Lizzette Metcalfe
Mabel Grace Compton	Lena Adele Miller
Sarah Theodora Curtis	Mildred Elsegood Miller
Mabel Denton	Mary Warren Moën
Katharine Swift Doty	Charlotte Elizabeth Morgan
Jean Dunbar Egleston	Dora Russell Nevins
Helen Stickney Elting	Rachel Evans Nutt
Lucy Bates Embury	May Appleton Parker
Emma Mulford Enright	Ella Rebekah Peiffer
Helen Erskine	Louise Edgar Peters
Helena Marshall Fischer	Hilda Popper
Charlotte Boyd Fountain	Florence Ethel Rauh
Mary Kathryn Frothingham	Mary Louise Rix
Doris Paula Gallert	Josephine Seymour
Edith Adell Granger	Sarah Ellen Shelley
Edith Joan Haas	Irma Regina Stern
Juliana Shields Haskell	Ruth Marjorie Stern
Jane Jewett Hawes	Margaret Holmes Stone
Amelia Haydock	Bessie Louise Swan
Harriet Newell Ragland Hill	Helen Henrietta Tanzer

Martha Ellen Thomas
Betty Trier
Edith Gifford Van Ingen
Alida Margaret Van Slyke

[80]

Anna Tallman Waring
Harriet Estelle Werts
Jeannette Magdalen Wick
Sophie Yudelson

IV Conferring of the Degree of Bachelor of Laws

The candidates will be presented by
Professor GEORGE WASHINGTON KIRCHWEY
Dean of the Faculty of Law

Harry Charles Adams
Charles Simpson Amsel
Harry Bennett Anderson
Henry Herbert Babcock, A.B.
Franklyn George Bamman, A.B.
Saul Jerome Baron, A.B., A.M.
Mead Van Zile Belden, A.B.
Harry Robert Berlinicke
Henry Bloch
Henry Arthur Blumenthal
Walter Percy Bordwell, B.L.
Hjalmar Hjorth Boyesen, II, A.B.
Christopher Mason Bradley, A.B.
John Edson Brady
Edward David Brown, A.B.
Edward Bright Bruce, A.B.
Edward Thomas Bruner
Frank William Burrows, B.S.
Michael Hart Cardozo, Jr., A.B.
Rollo Nichols Chaffee
Charles Chambers, A.B.
Francis Colety, A.B., Ph.B.
Charles Collis
Newell Kingsbury Cone
Jeremiah James Coughlan, A.B.,
A.M.
Henry Shreve Curtis
Maurice Bessell Dean

Rulif Van Nuyse De Nyse
George Laurence Donnellan, A.B.
Benjamin Franklin Donvan
Goldthwaite Higginson Dorr, A.B.
Henry Simon Dottenheim, B.S.
James Pinckney Dumas, A.B.
Martin Joseph Earley, Jr.
William M. Erb
Arthur Ogden Ernst, A.B.
James Porter Forsyth
DeWitt Fox
Henry W. Freeman
Frederic James Fuller, A.B.
George Gerard Gaass, Ph.B.
David Gwilim George, A.B., A.M.
Frederick Benjamin Gerner, A.B.,
A.M.
Claude William Gibson, B.S.
Walter Lester Glenney, A.B.
William Valentine Goldie
Harry Allen Gordon, A.B., A.M.
Morris Elias Gossett, B.S.
William Henry Grasse
Edwin Prescott Grosvenor, A.B.
A.M.
Harris Harold Gumm, A.B.
Robert Hamilton Hahn
Hubert Roe Hall, A.B.

John Joseph Halpin, A.B.
Kenneth Burt Halstead, A.B.
Emmet Cuthbert Hamilton
Maurice Hannon
Hayden Wilson Head, B.S.
John Shartle Hershey, A.B.
Henry Herz
Philip Samuel Hill
John Alfred Hipple
Harold Hirsch, A.B.
Frank Irving Hull
Arthur Hutter
Arthur Charles Kahn, B.S., A.M.
John Daniell Kahrs, A.B.
Henry Holzheimer Kaufman
Clarence Dilworth Kerr, A.B.
Alison Michael Lederer, A.B., A.M.
Joseph Day Lee, A.B., A.M.
Harry M. Lewy, A.B.
Jacob Hopewell Lindenberger,
LL.B.
Vincent Stuyvesant Lippe
James Patterson McBaine, LL.B.
Warren John McLaughlin, A.B.
Lyle Evans Mahan, A.B.
Henry Marx, B.S.
Aaron A. Melniker
George Mercer, Jr.
Rutherford Birchard Meyer, A.B.

Bernard V. Moore
Henry Moore, Jr.
Joseph Simon O'Neil, A.B.
John Frank Phillips, A.B.
Thomas Hasset Ray, B.S., A.M.
Allan Chamberlain Rearick, A.B.
Lorin J. Roach, Ph.B.
Alvah Johnson Rucker, A.B.
Samuel John Sample, A.B.
Frederic Cromwell Seaman
Walter Nathan Seligsberg
Elwood Cronon Smith
Howard Alexander Smith, A.B.
John Boyce Smith, Jr., A.B., A.M.
John Haviland Smith
Richard Shore Smith, A.B.
Charles Clyde Spicer, A.B.
Carroll Sprigg, Ph.B.
Lewis Squires, A.B.
Edward Esty Stowell, A.B.
Emanuel Emory Straus, A.B.
Robert Lefferts Strebeigh, A.B.
Erroll James Livingston Taber
Karl Timmermeister
John Canfield Tomlinson, Jr., A.B.
Earl Vogel, B.S.
John Joseph Walsh, Jr., A.B.
Benjamin Patterson Wheat, Ph.B.
William Edgar Withrow, A.B.

V Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will first be administered by

Professor JOHN G. CURTIS

Acting Dean of the Faculty of Medicine

by whom the candidates will also be presented

Robert Albert Adams, A.B.	Charles Dalton Cleghorn, B.S.
Albert Henry Allen, Ph.B.	Frederic Dan Huntington Coerr, A.B.
Benjamin Gill Allen, A.B.	Alfred Einstein Cohn, A.B.
Elmer Hemsted Ames	Leo John Joseph Commiskey
Herbert Hamlin Armington, A.B.	Edward Cook, A.B.
Louis Simon Aronson	Robert Anderson Cooke, A.B.
Edward Minturn Assenheimer	James Albert Cowan, Ph.B., Ph.D.
Oswald Theodore Avery, A.B.	Henry Augustus Craig
Clarence Garfield Bandler	Walter Concemore Cramp, A.B.
Robert Louis Banister	Edward Cussler
Cyril Barnert	Maurice Jacob Dattelbaum
William C. Bartram	Isidor Davidson, A.B.
Allister MacDonald Bell, A.B.	Bernard DeKoven
Joseph Zachary Biegeleisen	Richard Hagen Dieffenbach
Michael Francis Black, A.B.	John Clarence Dingman
William Blanchard	Thomas Alva Dingman
Samuel Abram Blauner, B.S.	Benjamin Edward Dolphin
William Henry Boese, A.B.	Warren James Duckett
Julius Bondy	Benjamin William Dudley
Walter Frederick Bopp, A.B.	Owsley Bennett Duncan
James Floyd Bowman, A.B.	Charles Eastmond, A.B.
Adolph Brand	Herman Eichhorn, B.S.
William Branower	Lewis Weimar Elias, A.B.
Robert Huntington Breed	Ernest Oliver Joseph Eytinge
Waters Field Burrows, A.B.	Edwin Charles Fassett
Norman McLeod Carter, A.B.	Louis Fichter
Robert Williams Carter, A.B.	Harry Finkelstein
Thomas Harris Cherry	Ary Flaks
Frank Newhall Chessman	Isadore Flatto
William Irving Clark, Jr., A.B.	

David Joseph Flynn, A.B.
James Voorhees Freeman, Jr., A.B.
David Ingham Frey
John Cameron Gain
Samuel Gellert
August Joseph Ghiglione
Hyman Glanz, A.B.
Karl Harold Goldstone
Clarence Minturn Graham
James Cowan Greenway, A.B.
Albert Grussner
William Francis Gutherson, B.S.
Gordon Dyer Hale, Ph.B.
Patrick Joseph Paul Hamill, A.B.
A.M.
Joseph Campbell Hance
Daniel Sayer Hardenberg, Jr.
Burton Seymour Harris
Alfred John Hart
John Dearborn Hastie, A.B.
William Davison Hennen
Allan Moore Hervey, A.B.
George Hunt Hibler
Clarence Albert Holmes, B.S.
William Frederick Holthausen
Philip Garfield Hood
Harry Lyman Hooker
Benjamin Horowitz, A.B.
Philip Horowitz
Edward Taylor Hull, B.S.
Frederic Vinal Hussey, Ph.B.
Louis Jacobs
Julius Jarcho
Stewart Lee Jeffrey
David Katz
Thomas Daniel Keegan
Harold Denison Kenyon
Cleaveland Cady Kimball, A.B.
Jacob Siegfried Kreshover
Hans Edgar Kudlich, A.B.
Harold Wilkinson Lathrop
George Haines Lathrope, A.B.

Emanuel Joseph Leavitt
Noel Bleecker Leggett
Julius Levy
Elton Gardiner Littell, A.B.
William Henry Lohman
James McMaster Long, A.B.
Frank Alexander Lorenzo
Claude Emmet McNeeney, A.B.
Morgan Thomas McSheehy, A.B.
Joseph Douglas Malcolm
Howard Harris Mason, A.B.
George John Mehler, A.B.
Guy Herbert Meyer
Julian Jacques Meyer, A.B.
Lucien Luttrell Miner
Alfred Derby Mittendorf, A.B.
Henry Nicholas Moeller
Albert Rowcliffe Moffit, A.B.
Robert Lowry Moorhead, Jr.
Henry William Morsch
Edward John Murphy, A.B.
Magnus Jacob Myres
Frederick Emil Neef, B.S., B.L.,
M.L.
Urbane Alexander Noble
John Charles O'Connor
Clarence Rutherford O'Crowley
William Joseph O'Leary
Brace Whitman Paddock, A.B.
James Bolton Pentz
John Dodge Peters, A.B.
James Taft Pilcher, A.B.
William Pincus
Paul Henry Ringer, A.B.
Robert Cornelius Robinson, Ph.B.
Julius Townsend Rose
Edward Kingsbury Ross, Ph.G.
William Holmes Ross
Edson Davidge Royall
Truman Laurance Saunders, A.B.
George Henry Schenck, Ph.B.
Kaufman Schlivek, B.S.

Traugott John Schück
 Arthur Leighton Sherman, A.B.
 John Calvin Silliman, A.B.
 Joseph Daniel Slack
 Ellsworth Johnson Smith, Ph.B.
 Charles Harry Sprague
 Carol Tefft Stevens, B.S.
 Vernon Champney Stewart, A.B.
 Charles Kirtland Stillman, Ph.B.
 John Beekman Talmage, Jr.
 Antonio Tarditi
 Max Taschman, A.B.
 Joseph Simon Thomas, A.B.
 Merrick Dowdell Thomas, B.S.
 Talcott Ostrom Vanamee, A.B.,
 A.M.
 Joseph Vandenberg
 Albert Vander Veer, Jr., A.B.
 Harold Stearns Vaughan, D.D.S.

John Maxon Brown Wainwright
 Carl William Walser
 Albert Hamilton Ward
 Edwin St. John Ward, A.B.
 Ralph Francis Ward
 Wilbur Ward, A.B.
 Whitney Waterman
 Louis Weinstock
 Claud Hill Weir
 James Alexander Wheeler
 Walter Humstone Whiton
 Sol Wiener, A.B.
 Frederic Hart Wilson
 Fred Wise
 Lester Drummond Wise
 Isaac Ogden Woodruff, Jr., A.B.
 Charles Whitehead Woodson, A.B.
 Shirley Wilmotte Wynne
 David Zelenko

[178]

VI Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engi- neer, Metallurgical Engineer, Mechanical Engineer, and Bachelor of Science in Chemistry

The candidates will be presented by
 Professor GEORGE FRANCIS SEVER
 Acting Dean of the Faculty of Applied Science

MINING ENGINEERING

James Carson Agnew
 Sidney M. Bamberger
 Leon Hobart Brady
 Theodore Albert Burbridge
 Charles Louis Constant, Jr.
 William Wakefield Corbet
 Oscar Wilson Erdal
 Milton Henry Fies
 Paul Henry Harwood

James Edward Higgins
 Edward Knight Judd, A.B.
 Carl Edward A. V. Julihn
 Sidney Jesse Kidder, B.S.
 Charles Taylor Law
 Frederick Warren Lovejoy, Jr.,
 A.B., A.M.
 Edwin Cornelius Luther, C.E.
 Charles Willis Macdougall

Lucius Wolf Mayer
Howard Ratcliffe Norsworthy
Edward Franklin Pelton, B.S.
Roger Trowbridge Pelton
John Clark Pickering
William Nicholas Rossberg
Frederick Sommer Schmidt, B.S.
Martin Schwerin
Sheldon Smillie
Webster Temple Smith

Frank Joseph Staral, Jr.
Howard Appleton Stillwell
Charles Christian Swartz, A.B.
William Evarts Tracy, A.B.
Francisco Rodriguez Varela
Frank Whalley Watson
Wilmot Edgar Whittier, A.B.
Philip Will, Mech.E.
Robert Young Williams, A.B.
Harry Thomas Willis, B.S.

Harry Clifford Wilmot

[38]

CIVIL ENGINEERING

Farrand Northrop Benedict
Alfred Edward Budell
Robert Andrew Wood Carleton
Alfred Ellsworth Carter
Elihu Cunyngham Church
Jules Auguste Coelos
Walter Taubert Derleth
Herman Goldberg, B.S.
Herbert Spencer Hanau
John Hawkesworth
Clarence Keller

Boris Abraham Levitt
George John Lyon, B.S.
Edward Frederick Maisonholder
George Frederick Miles
James Leo Murphy
Leandro José Rionda, Mech.E.
Charles Richard Stein
Henry Steindler, A.B.
Thomas Robinson Tetley, Jr.
William Rogers Tyler
William Henry Yates

[22]

ELECTRICAL ENGINEERING

William Philip Abendroth
Albert J. Acker
Daniel Read Bacon
Meyer Barnert
Charles Baumgarten
Salisbury Marcus Day
Harold Savery Demeritt
William Duden
Henry Harold Higbie
Duncan Argyle Holmes
Isaiah Jarcho

Leonard Julian Lewinson
Charles Peter Menges
Eugene Joseph Reid
Charles Frank Sanger
Carl Joseph Schaus
Carl Albert Schneider
Franklin Schwabacher
Frederick William Seringhaus, Jr.
Raymond Westhorpe Smith
Chester Fred Strong, E.E.
John Charles Walter

Gustav Frederick Wittig, B.S.

[23]

MECHANICAL ENGINEERING

Ludwell Brooke Alexander
Richard Walter Berliner
Lemuel Cayalli Biglow
Alexander Borsody
Luis Alberto Carbo
Thomas Fowke Cook
Griswold Denison, II
William Ferdon Gillies
John Serre Goodrich
Harry Allen Grant
John Jacob Howell

[21]

William Rowsell Hulbert
Franklin Martin
Harry Lilienthal Parr, A.B.
Carl Oscar Riedel
Carl Theodore Schreiber
Robert Sedgwick Stangland
Clifford Townsend Swart
Morris Frank Weinrich
Friedrich Otto Willhöfft
Robert Hasbrouck Wyld

METALLURGY

Solomon Neugass

[1]

CHEMISTRY

William Nathan Berg
Harold Newton Cox

[4]

Milton J. Falk
Glenn Huntington Pickard

VII Conferring of the Degree of Bachelor of Science in Architecture

The candidates will be presented by

Professor ALFRED D. F. HAMLIN

Adjunct Professor of Architecture

William Edgar Burtis
Nathaniel Cortlandt Curtis, Ph.B.
Richard Henry Dana, Jr., A.B.
Henry William Frohne

[8]

Arthur Lobo
Harold Fairfax Percy
William Hatfield Sears
John Wynkoop

VIII Conferring of the Degree of Bachelor of Science in Education and of the Diplomas of Teachers College

The candidates will be presented by

Professor JAMES EARL RUSSELL

Dean of Teachers College

DEGREE OF BACHELOR OF SCIENCE

(Course in Education)

James Edwin Addicott	Caroline Elizabeth Keil
Frank Washington Ballou	Anna Kennedy
Wilhelmina Catherine Beller	Alice Eudora Merrill
Margaret Florentine Berger	Tulla Caroline Odencrantz
Josephine Thorndyke Berry, A.B.	Anna Martha Gertrude Pignol
Eva Eliza Briggs	Grace Rosamond Preble
Frank Robert Cauch	Florence Elizabeth Reid
Adele Cazin	Henrietta Rodman
Mary Coe Chedsey	Mary Rogers
Teresa C. Anna Genevieve Clare	Ruth Sawyer
Rachael Evaline Closs	Nettie Picard Schwerin
Mary Dutcher	Etta Lucy Smith
Harriet Folger	Minnie Louise Steele
J. Florence Gilliland	Cliff Winfield Stone
Elizabeth Maude Haley	Mary May Thomas, B.L.
Ethel Adeline House, B.L.	Jessie Maud Trube
Janet Sarah Huntting	Judith Crommelin Ver Planck
Maude Aline Huttman	Helen Bromley Welsh
Helen Louise Johnson	Charlotte White
[39]	Alice May Wyant

DOCTOR'S DIPLOMA IN EDUCATION

Frederic Ernest Farrington

A.B., Harvard University, 1894;

A.M., Columbia University, 1902.

[1]

MASTER'S DIPLOMA IN EDUCATION

Frederick Bancroft Abbott

B.S., College of Emporia, 1900; M.S.,
1902.

James Edwin Addicott

B.S., Columbia University, 1903.

William Walter Andrew

Ph.B., Brown University, 1903.

Alfred Havelock Armstrong

A.B., Acadia College, 1896.

- Joseph Stitt Bicklé
A.B., Columbia University, 1903.
- Amy Maud Burt
Ph.B., University of Vermont, 1900.
- Bertha Cann
A.B., Oberlin College, 1896.
- Mabel Adeline Carpenter
A.B., Radcliffe College, 1902.
- Anna May Clark
Ph.B., University of Vermont, 1898.
- Jesse H. Coursault
A.B., Ohio University, 1893; A.M.,
1898; A.M., Harvard University,
1900.
- William Albert Crane
A.B., Adelphi College, 1903.
- Philip Redfield Dean
A.B., Harvard University, 1896.
- Sophia Lyon Fahs (Mrs. Charles
Harvey Fahs)
A.B., Wooster University, 1897.
- [22]
- Gerald Gordon
A.B., Lafayette College, 1895; A.M.,
1898.
- Charles Theodore Grawn
Pd.M., Michigan State Normal Col-
lege, 1897.
- George Edward Marker
A.B., University of Illinois, 1903.
- Angelo Patri
A.B., College of the City of New
York, 1897.
- Roger Crossman Peck
A.B., Yale University, 1900.
- Julia Elnora Richardson
B.S., Northwestern University, 1899.
- Lucius Kimball Russell
B.S., Massachusetts Institute of
Technology, 1886.
- Feist M. Strauss
A.B., Western Reserve University,
1903.
- Oscieola Alvin Thaxton
A.B., Mercer University, 1901.

HIGHER DIPLOMA

Bianca Schiller

[1]

BACHELOR'S DIPLOMA IN EDUCATION

FOR TEACHING IN SECONDARY SCHOOLS

- | | |
|--|---|
| William Anthony Aery (History) | Edith Butts (Mathematics) |
| Lucy Guilia Arnaud (Latin) | Adele Cazin (Physical Science) |
| Frank Washington Ballou (His-
tory) | Mary Coe Chedsey (Biology) |
| Alexander Otto Bechert, A.B.
(German) | Margaret Loretta Charles Claffy
(History) |
| Minnie Margaret Beifeld (History) | Emily Josephine Clark, A.B., A.M.
(Latin) |
| Margaret Florentine Berger (Ger-
man) | Laura Sophronia Clark, B.S.
(Physical Science) |
| Minnie Randolph Boulger (His-
tory) | Mary Augusta Clark, A.B. (Mathe-
matics) |
| Eva Eliza Briggs (Mathematics) | Mabel Grace Compton (English) |
| Helen Gertrude Buck (English) | Sarah Theodora Curtis (Greek) |

Olive Percy Davis, A.B. (English)	Lizzette May Metcalfe (Mathematics)
Mabel Denton (Mathematics)	Mildred Elsegood Miller (English)
Emma Mulford Enright (Latin)	Charlotte Elizabeth Morgan (English)
J. Florence Gilliland (History)	Dora Russell Nevins (Mathematics)
Elizabeth Maude Haley (English, History)	Rachel Evans Nutt (English)
Elsie Hammond, A.B. (Physical Science)	Tulla Caroline Odencrantz (Mathematics)
Jane Jewett Hawes (Latin)	Anna Martha Gertrude Pignol (German)
Amelia Haydock (English)	Hilda Popper (English)
Ethel Margaret Hughan (English)	Mary Louise Rix (English)
Emeline Keeler Hunt, A.B. (English)	Bayard Blackwell Rodman (Physical Science)
Martha Marguerita Hunt (English)	Josephine Seymour (Latin)
Thomas Lester Hurley (History)	Elinore Rachel Sharpless, A.B. (Mathematics)
Maude Aline Huttman (History)	Minnie Louise Steele (Mathematics, English)
Fannie Johnston, Ph.B. (English)	Evelyn Swan, B.S. (History)
Rose Johnston, Ph.B. (Mathematics)	John August Swenson, A.B. (Mathematics)
Edna Blanche Jones, A.B. (History)	Martha Ellen Thomas (Latin)
Caroline Elizabeth Keil (English)	Grace Lillian Utter, A.B. (Latin)
Mary Helen Keith, B.S. (Physical Science)	Alida M. van Slyke (German)
Anna Kennedy (Latin)	Jeannette M. Wick (German)
Hilma Leers (German)	
Ida Ethel Lewis (Latin)	
Rose Marie McCormick (Latin)	
Elizabeth McLean (Mathematics)	

[60]

FOR TEACHING IN ELEMENTARY SCHOOLS

Adah Aphia Beaton	Alice Burrows Parrott
Florence Louise Butler	Florence Elizabeth Reid
Anna Mansfield Clark	Mary Elizabeth Rich
Rachael Evaline Closs	Marietta Riley
Mary Emma Conner	Harriet Estelle Roe
Elizabeth Maude Haley	Cliff Winfield Stone
Margarette Elizabeth Howard	Walter Alvin Tice
Janet Sarah Huntting	Gertrude Huntington Ware
Belle Levens	Helen Bromley Welsh
Jeanette Fannie London	Indiana Rebecca Whealton

[20]

FOR TEACHING IN KINDERGARTENS

Edith Blanchard, B.L.	Julia Emily Peck, B.L.
Genevieve Cooney	Helen E. Roberts
Mildred Gomez	Ruth Sawyer
M. Helen Hallowell	Mary Weimer Sherrick
Grace Aileen Harrington	Etta Lucy Smith
Emma Beulah Hayes, A.B.	Harriet Lillian Stevens
Ethel Adeline House, B.L.	Jessie Maud Trube
Harriette Melissa Mills	Gertrude Huntington Ware
	Charlotte White

[17]

FOR TEACHING DOMESTIC ART

Lana Bishop	Mary Agnes Hubbard
Mary Aikman Dunning	Grace Rosamond Preble
	Katharine French Steiger

[5]

FOR TEACHING DOMESTIC SCIENCE

May Dorcas Benedict	Hattie Mayer
Josephine Thorndyke Berry, A.B.	Alice Eudora Merrill
Harriet Amelia Boyer	Helena Maude Pincomb, B.S.
Rose Harriet Bruckman	Clara Elizabeth Schaufler, A. B.
Annie Florence Burbank	Letitia Willis Simons, A.B.
Teresa C. Anna Genevieve Clare	Florence Eugenia Wells
Helen Louise Johnson	Mary Louise Wyman

[14]

FOR TEACHING FINE ARTS

Cecilia Feigenbaum	Lida Tulloch Priest
Josephine Douglas Guilbert	Alice Rebekah Robinson
Alice Inglis Myers	Mary Rogers
Edith Jane Oakley	Mary Agnes Stocker

[8]

FOR TEACHING MANUAL TRAINING

Lewis Birch Battey	Bertram Hedley
Louis Caldwell Butler	Ruth Huntington, B.L.
George Frederick Buxton	Annie Linton
Frank Robert Cauch	George Amos Moore
Mary Venable Cox	Mary May Thomas, B.L.
Ida Eagleton Hanson	Fred Campbell Whitcomb, B.S.
	Iva Mary Woodruff

[13]

FOR TEACHING MUSIC

Emily Catherine Jessup	Harriett Estelle Roe
------------------------	----------------------

[2]

MUSIC

Agnus Dei Bizet

IX Conferring of the Degree of Master of Arts

The candidates will be presented by

Professor WILLIAM HENRY CARPENTER

Secretary of the University Council

- Frederick Bancroft Abbott
B.S., College of Emporia, 1900; M.S.,
1902.
- William Walter Andrew
Ph.B., Brown University, 1903.
- Alfred Havelock Armstrong
A.B., Acadia College, 1896.
- William Calvin Arnold
A.B., Lebanon Valley College, 1903.
- John Franklin Bailey
A.B., Waynesburg College, 1903.
- Ezra Flavius Baker
A.B., Missouri Valley College, 1898;
B.D., Cumberland University, 1901.
- Stephen Fielding Bayne
B.S., College of the City of New
York, 1898.
- Victor Ernest de Beaumont
A.B., Columbia University, 1901.
- Alexander Otto Bechert
A.B., Columbia University, 1903.
- Frances A. Beckwith
A.B., Vassar College, 1897.
- Howard Johnston Benchoff
A.B., Franklin and Marshall College,
1898.
- Frances Campbell Berkeley
A.B., Columbia University, 1902.
- Joseph Stitt Bickl 
A.B., Columbia University, 1903.
- Pelham St. George Bissell
A.B., Columbia University, 1880;
A.K.C., King's College, London, 1899.
- Earl Lockridge Bradsher
A.B., University of Missouri, 1903.
- Joseph Alfred Arner Burnquist
A.B., Carleton College, 1902.
- Amy Maud Burt
Ph.B., University of Vermont, 1900.
- Arthur Dexter Butterfield
B.S., Worcester Polytechnic Insti-
tute, 1893; M.S., 1898
- Bertha Cann
A.B., Oberlin College, 1896.
- Mabel Adeline Carpenter
A.B., Radcliffe College, 1902.
- Sarah Maude Carroll
A.B., Randolph Macon Woman's
College, 1902.
- Lawrence Randolph Cartwright
Ph.B., DePauw University, 1900.
- Jules Catherinet
B.S., Dijon University, 1897; Ph.B.,
1898.
- Arthur Henry Chamberlain
B.S., Columbia University, 1903.
- Elizabeth Chamberlain
A.B., Vassar College, 1876.
- Alden Hyde Clark
A.B., Amherst College, 1900.
- Anna May Clark
Ph.B., University of Vermont, 1898.
- Laura Sophronia Clark
B.S., Middlebury College, 1894.
- Arthur Carman Cole
A.B., Olivet College, 1894.
- Francis Colety
A.B., Mt. Angel College, 1896; Ph.B.,
Urban University, Rome, Italy, 1899.
- Homer Lusk Collyer
A.B., College of the City of New
York, 1902.
- George Coray
B.S., University of Utah, 1894.

- Percival Corn
A.B., College of the City of New York, 1903.
- Gordon La Fayette Cram
A.B., University of Toronto, 1894.
- William Albert Crane
A.B., Adelphi College, 1903.
- Margaret Higgins Curtin
B.S., Columbia University, 1902.
- Charles Anderson Dana
A.B., Columbia University, 1902.
- Henry Davidoff
A.B., College of the City of New York, 1899.
- Albert Davis
A.B., Columbia University, 1903.
- Alice Davis
Ph.B., University of Chicago, 1899.
- Olive Percy Davis
A.B., Leland Stanford, Jr., University, 1900.
- Philip Redfield Dean
A.B., Harvard University, 1896.
- Walter Taubert Derleth
B.S., College of the City of New York, 1901.
- Fred Milo Deweese
A.B., University of Nebraska, 1902.
- Alice Doyle Drake
Ph.B., Western Reserve University, 1901.
- Walter Scott Dryfoos
A.B., Columbia University, 1896;
LL.B., New York Law School, 1899.
- Catherine Crystal Eastman
A.B., Vassar College, 1903.
- Savilla Alice Elkus
B.S., Columbia University, 1903.
- Sophia Lyon Fahs (Mrs. Charles Harvey Fahs)
A.B., Wooster University, 1897.
- Preston Cooke Farrar
A.B., Washington and Jefferson College, 1891; A.M., 1894.
- James Emmet Finegan
Ph.B., Union College, 1902.
- Frank Halsey Foss
A.B., Trinity College, 1901.
- Leonhard Felix Fuld
A.B., Columbia University, 1903.
- George Gerard Gaass
Ph.B., Central University, 1901.
- Harry Morehouse Gage
A.B., University of Wooster, 1900.
- Elizabeth Venable Gaines
A.B., Adelphi College, 1898.
- Frank Garrett
Ph.B., Drake University, 1896.
- Claude William Gibson
B.S., University of Idaho, 1901.
- Albert Cooley Gillette
Ph.B., Illinois Wesleyan University, 1900.
- Walter Lester Glenney
A.B., Columbia University, 1902.
- Herman Goldberg
B.S., College of the City of New York, 1901.
- Alexander Goldenweiser
A.B., Columbia University, 1902.
- Joseph Edward Goodell
A.B., Franklin and Marshall College, 1894.
- Charles Theodore Grawn
Pd.M., Michigan State Normal College, 1897.
- Charles Grove Haines
A.B., Ursinus College, 1903.
- Colby Dixon Hall
A.B., Kentucky University, 1902.
- Rokunosuke Hamaguchi
A.B., New York University, 1903.
- John Dearborn Hastie
A.B., University of Nebraska, 1899.
- Henry Koch Heyman
A.B., Columbia University, 1903.
- Alfred Hoffman
A.B., Columbia University, 1903.
- Homer Doliver House
B.S., Syracuse University, 1902.
- Charlotte Belle Howard
A.B., University of Cincinnati, 1884.

- Clare Macclelen Howard
A.B., Columbia University, 1903.
- Emeline Keeler Hunt
A.B., Vassar College, 1889.
- Stanley Myer Isaacs
A.B., Columbia University, 1903.
- Yoshimasa Ishikawa
(Equivalent A.B.) Tetsugakkawan,
Japan, 1898.
- Jessie Wright Jeffrey
Ph.B., Northwestern University,
1901.
- Mamie Elizabeth Jenkins
A.B., Trinity College, 1896.
- Leulah Jeannette Judson
A.B., University of Minnesota, 1903.
- Jotaro Kasugai
(Equivalent A.B.) Shogyo College,
Japan, 1898.
- Mary Helen Keith
B.S., Mount Holyoke College, 1894.
- Clarence Darwin Kingsley
B.S., Colgate University, 1897.
- David Klein
A.B., College of the City of New
York, 1902.
- Nicholas August Koenig
A.B., Columbia University, 1903.
- Frederica Hermine de Laguna
A.B., Leland Stanford, Jr., Univer-
sity, 1896.
- Maurice Allison Lamme
B.S., Montana Agricultural College,
1903.
- George Merrill Lasell
Ph.B., Illinois Wesleyan University,
1903.
- Clay Lawrence
B.S., South Dakota State Agricul-
tural College, 1898.
- Charles Francis Lawson
A.B., Columbia University, 1903.
- Harry M. Lewy
A.B., Columbia University, 1902.
- John Hubbard Logan
A.B., Mercer University, 1900.
- Harold Chaffee McCollom
A.B., Columbia University, 1903
- Champe Carter McCulloch, Jr.
A.B., Baylor University, 1885; M.D.,
Columbia University, 1892.
- Isabel McKinney
A.B., University of Chicago, 1901.
- Lyle Evans Mahan
A.B., Columbia University, 1902.
- George Edward Marker
A.B., University of Illinois, 1903.
- Belle Louise Mead
A.B., Mount Holyoke College, 1900.
- Julian Jacques Meyer
A.B., College of the City of New
York, 1898.
- George Louis Meylan
M.D., New York University, 1896;
B.S., Harvard University, 1902.
- Joseph Michael
B.S., College of the City of New York,
1903.
- Julia Post Mitchell
B.L., Smith College, 1901.
- Willard Lawrence Myers
A.B., College of the City of New
York, 1903.
- Frank Fielding Nalder
A.B., Washington State College and
School of Science, 1901.
- Aubrey Percy Nelson
A.B., University of Chicago, 1902.
- Engelbert Neus
B.S., College of the City of New York,
1893.
- Thomas Nolan
B.S., University of Rochester, 1879;
M.S., 1882; Ph.B., Columbia Uni-
versity, 1884.
- William Bradley Otis
A.B., Iowa College, 1901.
- Angelo Patri
A.B., College of the City of New
York, 1897.
- Roger Crossman Peck
A.B., Yale University, 1903.
- Jennie Pomerene
A.B., Vassar College, 1886.

- Mittie Love Porter
A.B., Randolph Macon Woman's College, 1902.
- Melvin Price
B.S., Purdue University, 1897; E.E., 1902.
- Julia Elnora Richardson
B.S., Northwestern University, 1899.
- Winifred Josephine Robinson
B.S., University of Michigan, 1899.
- Frederick William Roe
A.B., Wesleyan University, 1897.
- Lucius Kimball Russell
B.S., Massachusetts Institute of Technology, 1886.
- Samuel John Sample
A.B., Ottawa University, 1901.
- Violette Eugénie Scharff
A.B., Adelphi College, 1900.
- Jacob S. Schey
Ph.B., University of Colorado, 1902.
- Frederick Faber du Faur Schuetz
Mech. Eng., Stevens Institute of Technology, 1903.
- Robert Livingston Schuyler
A.B., Columbia University, 1903.
- Ralph Jacob Schwarz
A.B., Tulane University, 1902.
- Lewis Edgar Piaget Shanks
Ph.B., Cornell University, 1899.
- Elinore Rachel Sharpless
A.B., Wells College, 1900.
- Joseph Matthew Sheehan
A.B., St. John's College, 1892.
- Jerome Benjamin Shoenfeld
A.B., Columbia University, 1903.
- Jaroslav Smetanka
Testimonium maturitatis, Gymnasium, Kolin, Bohemia, 1899; B.D., Union Theological Seminary, 1902.
- Abraham Smith
A.B., College of the City of New York, 1898.
- Samuel Smyth, Jr.
B.S., College of the City of New York, 1900.
- Winifred Snow
B.L., University of Minnesota, 1899.
- Charles Clyde Spicer
A.B., Columbia University, 1902.
- Harrison Ross Steeves
A.B., Columbia University, 1903.
- Feist M. Strauss
A.B., Western Reserve University, 1903.
- Evelyn Swan
B.S., Columbia University, 1903.
- Charles Christian Swartz
A.B., Yale University, 1900.
- Fletcher Harper Swift
A.B., Dartmouth College, 1898; B.D., Union Theological Seminary, 1903.
- Masakazu Takata
(Equivalent A.B.) Keiogijiku University, Japan, 1897.
- Philip Hyatt Farr
Ph.B., Western Reserve University, 1902.
- Oscieola Alvin Thaxton
A.B., Mercer University, 1901.
- Charles Doswell Tomkies
A.B., Columbia University, 1903.
- Camille Auguste Toussaint
A.B., Columbia University, 1903.
- Thomas Travis
Ph.B., Wesleyan University, 1900; B.D., Union Theological Seminary, 1903.
- Elizabeth McJimsey Tyng
A.B., Cornell University, 1903.
- Mabel Morris Ufford
B.L., Smith College, 1899.
- Chung Yu Wang
B.S., Tientsin University, 1899.
- James Plaisted Webber
A.B., Bowdoin College, 1900.
- Frederic Lyman Wells
A.B., Columbia University, 1903.
- Cordelia Wendt
A.B., Columbia University, 1901.
- George Meason Whicher
A.B., Iowa College, 1882; A.M., 1885.
- Alain Campbell White
A.B., Harvard University, 1902.
- Horace Loring White
B.S., University of Maine, 1898.
- Friedrich Otto Willhöfft
(Equivalent A.B.) Königliches Gymnasium, Leipzig, 1894.

Ira Abraham Williams
B.S., Iowa State College, 1898; M.S.,
1902.

Louise Wolf
Heidelberg University, 1902-1903.

Charles Winter Wood
A.B., Beloit College, 1895; A.M.,
1898.

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Elizabeth Corinne Wood
A.B., Allegheny College, 1889.

Howell Roland Wood
B.S., Colgate University, 1897.

Charlotte Wright
A.B., University of Cincinnati, 1901.

David King Young, Jr.
B.S., University of Tennessee, 1889.

X Conferring of the Degree of Doctor of Philosophy

The candidates will be presented by

Professor WILLIAM HENRY CARPENTER

Secretary of the University Council

Hal Truman Beans
B.S., University of Nebraska, 1899;
A.M., 1900.
Dissertation: Maminobenzonitrile
and some of its derivatives.

Charles Austin Beard
Ph.B., De Pauw University, 1898;
A.M., Columbia University, 1903.
Dissertation: The office of the Justice
of the Peace in England.

Harold Martin Bowman
LL.B., University of Michigan, 1899;
B.L., 1900; A.M., 1901.
Dissertation: The administration of
Iowa; a study in centralization.

Dorothea Frances Canfield
Ph.B., Ohio State University, 1899.
Dissertation: Racine and Corneille in
England; a study of the translations
into English of Racine and the two
Corneilles, with especial reference to
their presentation on the English
stage.

Edward Warren Capen
A.B., Amherst College, 1894.
Dissertation: The historical develop-
ment of the Poor-Law in Connecticut.

Walter Ernest Clark
A.B., Ohio Wesleyan University,
1896; A.M., 1898.
Dissertation: Josiah Tucker; a study
in the history of economics.

Samuel Benjamin Crandall
B.S., Alfred University, 1897.
Dissertation: The making, enforce-
ment, and interpretation of treaties.

Louis Israel Dublin
B.S., College of the City of New York,
1901.
Dissertation: The history of the
germ cells in *Pedicellina americana*.

Myron Samuel Falk
C.E., Columbia University, 1899;
Mech. Eng., Stevens Institute of
Technology, 1900.
Dissertation: On the elastic proper-
ties of cement mixtures.

Frederic Ernest Farrington
A.B., Harvard University, 1894;
A.M., Columbia University, 1902.
Dissertation: The public primary
school system of France, with special
reference to the training of teachers.

Walter Lynwood Fleming
B.S., Alabama State College, 1896;
M.S., 1897; A.M., Columbia Uni-
versity, 1901.
Dissertation: Reconstruction in Ala-
bama.

Charles Savage Forbes
A.B., Columbia University, 1901;
A.M., 1903.
Dissertation: Geometry of circles
orthogonal to a given sphere.

Guy Stanton Ford

B.L., University of Wisconsin, 1895.
Dissertation: Hanover and Prussia,
1795-1803.

William Flowers Hand

B.S., Mississippi Agricultural and
Mechanical College, 1893; M.S.,
1895.

Dissertation: A further investigation
of syntheses of the alkylketodihy-
droquinazolines.

Percy Hughes

A.B., Alfred University, 1899; A.M.,
Columbia University, 1902.

Dissertation: The concept action, in
history and the sciences.

Thomas Jesse Jones

A.B., Marietta College, 1897; A.M.,
Columbia University, 1899; B.D.,
Union Theological Seminary, 1900.

Dissertation: The sociology of a New
York City block.

William Jones

A.B., Harvard University, 1900;
A.M., Columbia University, 1901.

Dissertation: Some principles of
Algonkin word formation.

William Erskine Kellicott

Ph.B., Ohio State University, 1898.

Dissertation: The development of
the vascular system of *Ceratodus*.

Stephen Herbert Langdon

A.B., University of Michigan, 1898;
A.M., 1899; B.D., Union Theological
Seminary, 1903.

Dissertation: The building-inscrip-
tions of the Neo-Babylonian period.

William Ellery Leonard

A.B., Boston University, 1898; A.M.,
Harvard University, 1899.

Dissertation: Byron and Byronism
in America.

[28]

Arthur Colon Neish

A.B., Queen's University, 1898;
A.M., Columbia University, 1900.

Dissertation: A new separation of
thorium from cerium lanthanum and
didymium by means of metanitro
benzoic acid.

Naomi Norsworthy

B.S., Columbia University, 1901.

Dissertation: The psychology of
mentally deficient children.

Ernest William Sutton Pickhardt

A.B., Harvard University, 1898;
LL.B., New York Law School, 1900;

A.M., Columbia University, 1902.

Dissertation: *De Aeschlyli Imagini-
bus*.

Hervey Woodburn Shimer

A.B., Lafayette College, 1899; A.M.,
1901.

Dissertation: The upper Siluric and
lower Devonian faunas of Trilobite
mountain, Orange Co., N. Y.

Edwin Smith Todd

A.B., Wittenberg College, 1893;
Ph.D., 1901.

Dissertation: A social study of Clark
Co., Ohio.

William Cullen Uhlig

Ph.B., Columbia University, 1896.

Dissertation: The nitrogen contents
of commercial distilled water.

Gregory Dexter Walcott

A.B., Brown University, 1897; A.M.,
Columbia University, 1899; B.D.,
Union Theological Seminary, 1900.

Dissertation: Lutheran and Kantian
elements in Ritschl's conception of
God.

Albert Concer Whitaker

A.B., Leland Stanford, Jr., Uni-
versity, 1899.

Dissertation: The entrepreneur.

MUSIC

Lohengrin, Introduction to Act III *Wagner*

XI Conferring of Honorary Degrees

MASTER OF ARTS

HOWARD JASON ROGERS

Director of Education, Social Economy, and Congresses, Louisiana Purchase Exposition;
Assistant Commissioner of Education of the State of New York

Presented by Professor FRANKLIN HENRY GIDDINGS

DOCTOR OF SCIENCE

HUGO DE VRIES

Professor of Botany in the University of Amsterdam

Presented by Professor LUCIEN MARCUS UNDERWOOD

DOCTOR OF LETTERS

CHARLES FOLLEN MCKIM

Architect

Presented by Professor ALFRED DWIGHT FOSTER HAMLIN

DOCTOR OF LAWS

ALFRED CONKLING COXE

Judge of the Circuit Court of the United States

Presented by Professor FRANCIS MARION BURDICK

ELIHU ROOT

Formerly Secretary of War of the United States

Presented by Professor JOHN WILLIAM BURGESS

DOCTOR OF SACRED THEOLOGY

RIGHT REVEREND DAVID HUMMELL GREER

Coadjutor Bishop of New York

Presented by Professor JOHN HOWARD VAN AMRINGE

Hymn: "My Country, 'T is of Thee" . . . *America*

[The audience is requested to rise and join in singing the hymn]

My country, 't is of thee,
Sweet land of liberty,
Of thee I sing;
Land where my fathers died,
Land of the pilgrims' pride,
From every mountain side
Let freedom ring.

Columbia revered,
By our forefathers reared
With love and pride;
Mother of Truth and Right,
Forever may thy light
Guide us, thy sons, aright,
Where'er we bide.

Our fathers' God, to Thee,
Author of liberty,
To Thee we sing;
Long may our land be bright
With freedom's holy light;
Protect us by Thy might,
Great God, our King.

XII Benediction

By the Chaplain of the University

Music

March Heroique *Hinrichs*

COMMITTEE OF ARRANGEMENTS

GRAND MARSHAL

JULES AUGUSTE COELOS

COLUMBIA COLLEGE

DONALD CLIFFORD BRACE,
Chairman

EUGENE PITOU, JR.

ALFRED EDWARD THURBER

SCHOOLS OF APPLIED SCIENCE

JULES AUGUSTE COELOS,
Chairman

FARRAND NORTHRUP BENEDICT

VICTOR GODWIN

COLLEGE OF PHYSICIANS AND SURGEONS

PAUL HENRY RINGER,
Chairman

LOUIS JACOBS

ALBERT ROWCLIFFE MOFFITT

SCHOOLS OF POLITICAL SCIENCE, PHILOSOPHY, AND PURE SCIENCE

WILLIAM ERSKINE KELLICOTT

HARRISON ROSS STEEVES

GENERAL CHAIRMAN

PAUL HENRY RINGER

BARNARD COLLEGE

JEAN HERRING LOOMIS,
Chairman

LENA ADELE MILLER

EDITH JOAN HAAS

TEACHERS COLLEGE

HELEN LOUISE JOHNSON,
Chairman

MARY MAY THOMAS

FRANK WASHINGTON BALLOU

SCHOOL OF LAW

HARRY BENNETT ANDERSON,
Chairman

HENRY B. MOORE, JR.

BENJAMIN PATTERSON WHEAT

FACULTY MARSHALS

GEORGE CLINTON DENSMORE ODELL, Ph.D.

WILLIAM TENNEY BREWSTER, A.M.

RUDOLF TOMBO, JR., Ph.D.

BRADLEY STOUGHTON, B.S.

HENRY CLAPP SHERMAN, Ph.D.

JOSEPH CLEMENT PFISTER, A.M.

SAMUEL OSGOOD MILLER, C.E.

CURTIS HIDDEN PAGE, Ph.D.

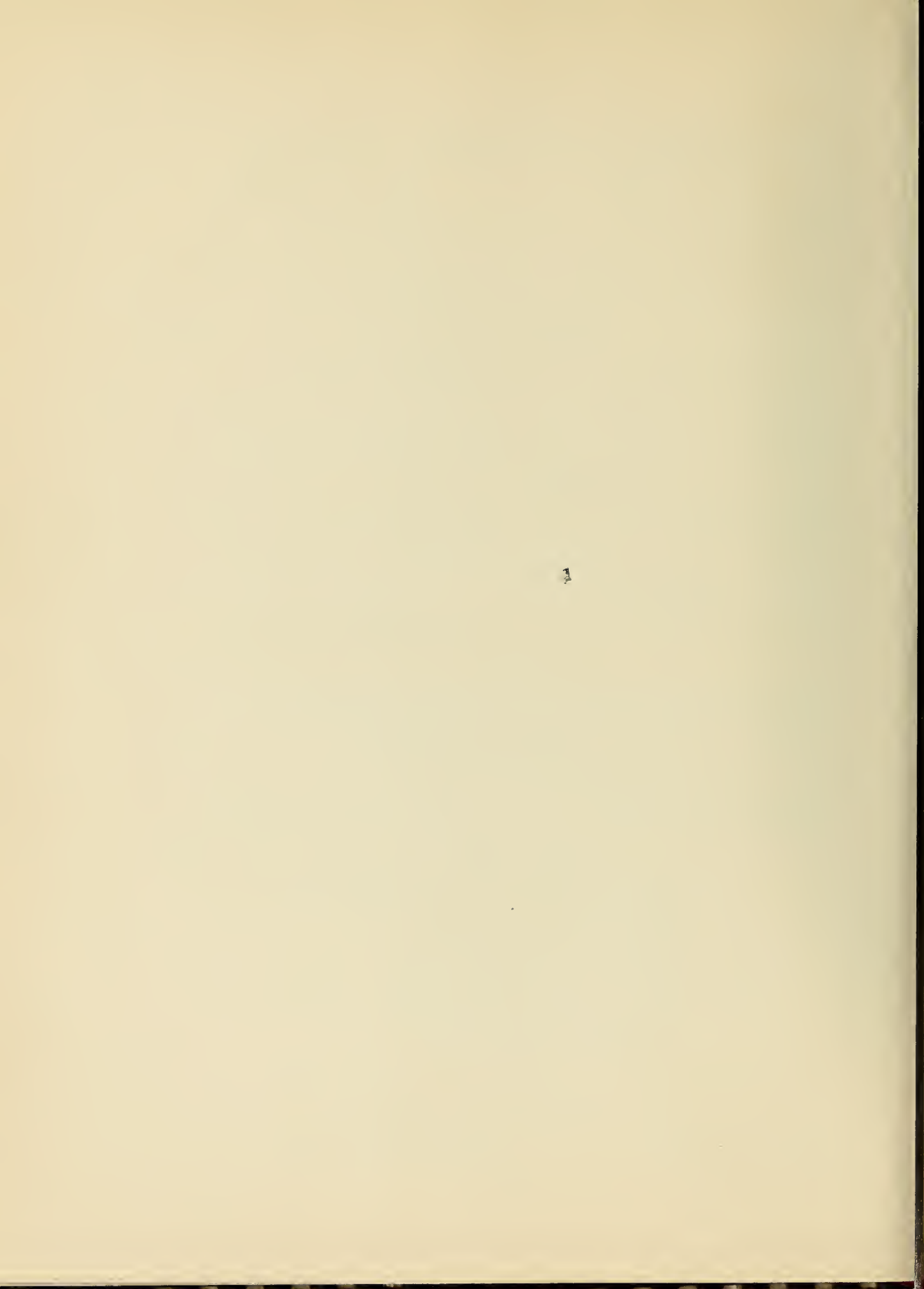
CLYDE FURST, A.M.

UNIVERSITY COMMITTEE ON COMMENCEMENT

HENRY EDWARD CRAMPTON, *Chairman*

FREDERICK P. KEPPEL

FREDERICK A. GOETZE





Columbia University
in the City of New York

ONE HUNDRED AND FIFTY-FIRST

ANNUAL COMMENCEMENT

JUNE 14, 1905

THE ORCHESTRA
THAT OF THE UNIVERSITY PHILHARMONIC SOCIETY
IS UNDER THE DIRECTION OF
MR. GUSTAV HINRICHS, CONDUCTOR OF MUSIC
COLUMBIA UNIVERSITY

The University

2-27-0

Order of Exercises

MUSIC

Goethe Marsch *Liszt*

I Prayer By the Acting Chaplain of the University

II Address By the President of the University

MUSIC

Chanson du Matin *Elgar*

III Conferring of the Degree of Bachelor of Arts

COLUMBIA COLLEGE

The candidates will be presented by
Professor J. HOWARD VAN AMRINGE
Dean of Columbia College

Harry Anspacher	Sidney W. Denzer (January 25)
Samuel Lloyd Barrick	Nathan Nathan Dickler
William Burnet Barrows	William Joseph Donovan
Frederick Elliott Biermann	Frederick John Echeverria
Clinton Hamlin Blake	Albert Marion Elsberg
(September 26)	George Marcus Falion
Martin Emerson Blauvelt	Robert Anthony Ferrari
Robert Holmes Bradley	Morris Douw Ferris
Stanley Brown-Serman	Frank Thomas Fitzgerald, Jr.
Duncan Hodge Browne	Micco Miltiades Achilles Fontrier
Henry Lawrence Burnett, Jr.	Joseph Julius Frank
Norman Montefiore Cohen	James Packard Gillespie
Harlow Dunham Curtis	Edward Goldwater
Marshall Mallory Day	Edward Henry Green
Winfred Cornwall Decker	George Russell Hageman

Warren Otis Hager
Guy Amisi Hamilton
Edward Louis Hanemann
(October 4)
Harold Harper
Meyer S. Harrison
Harold William Hastings
James Putnam Heaton
John Robbins Higbie
Ralph Hustace Hubbard
Thomas Lester Hurley
(September 22)
Arthur Lefferts Hutton
(January 10)
Maurice Hyman
Irving Samuel Josephs
Benjamin Mark Kaye
William Klaber
Gordon Saul Philip Kleeberg
Frederick Edward Klein
Edgar Raymond Kraetzer
Robert Le Roy
Benjamin Morris Levy
Robert Carpenter Lewis
Julius Arthur Lewisohn
Rudolph Rubino Loening
(September 23)
Monte London
Curtis Lublin
David Andrew McKenzie
John Samuel Maeder
George Zerdin Medalie
William Stuart Messer
Elmer Craver Miller
Harry Rich Mooney
Charles Francis Morrall
Dudley Henry Morris
Walter Wesley Mott
William Newell
Clarence Nichols

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Floyd Clarke Noble
Leonard Flagge Otten
William F. J. Piel
R. Stuyvesant Pierrepont
David Louis Podell
Edwin George Ramsdell
Ronald Frank Riblet
Theodore Gardner Robinson
(October 29)
Harry James Rosenson
Walter Louis Rothschild
Albert Harrington St. George
Edward Sapir (October 3)
Charles Emil Joseph Schlachter
Harry Schwed
John Cotes Seymour, Jr.
William Blackall Simonds, Jr.
Steward Slosson
Leslie Brewster Smith
Edward Lee Teale
Harold Livingston Reed Thomas
Jacob Thompson, Jr.
Edward Day Thurston, Jr.
Joseph Tolins
Grenelle Bertram Tompkins
Stillman Dana Townsend
Hugh Peters Treat
Norman Wyckoff Van Nostrand
Louis Beach Vreeland
J. Laurence Waldron
Harold Worthington Webb
Jesse Weil
Ernest Stagg Whitin (January 30)
Arthur Livingston Willis
Oscar B. Wirén
Chalmers Wood, Jr.
Ernest Hunter Wright
Gustavus Adolphus Younger
George Vreeland Zeiger
Jacob Zeitlin (October 12)

BARNARD COLLEGE

The candidates will be presented by

Miss LAURA DRAKE GILL

Dean of Barnard College

Helen Beatrice Anderson	Edith Berkeley Handy
Elizabeth Waddington Bassett	Mary Harriman
Florence Evelyn Beers	Alyne Bendit Heidenheimer
Georgina Grace Bennett	Ethel Hendricks
Florence Irene Biggin	Amelia Leavitt Hill
Elizabeth Stanford Sayre Boorman	Helen Hochheimer
Anna Marie Boss	Margie Ethel Hoffman
Luella Lillian Bovard	Sarah Fenton Hoyt
Ann Eliza Brown	Emilie Josephine Hutchinson
Elizabeth Buckingham	Marie Louise Johnston
Elizabeth Beardsley Butler	Carrie Kaplan
Margaret Cecilia Byrne	Anna Josephine Kennedy
Emma Shaw Calhoun	Mary Day Lee
Mary Edwards Calhoun	Abby Porter Leland
Lulu Jane Carpenter	Fannibelle Leland
Gertrude Louise Cathcart	Edwina Leah Levy
Helen Nessa Cohen	Mary Lock
Grace Morrelle Conover	Fredericka Loew
Helen Wilking Cooley	Pamela Warren Lyall
Elizabeth Soonerton Day	Laura Elizabeth Mathews
Harriet Day	Florence Alma Meyer
Edith Augusta Dietz	Isabelle Mott
Marguerite Kaughran Donnelly	Eleanora Louise Munroe
Cecil Inslee Dorrian	Lily Sylvester Murray
Alice Olin Draper	Florence Isabelle Nye
Agnes Lacy Durant	Helen Letitia Palliser
Mildred Blanche Farmer	Frances Hope Purdon
Grace Marie Farrelly	Ruth Angeline Reeder
Edith Berrell Fettretch	Anna Campbell Reiley
Annie Fuller Fisher	Blanche Hortense Reitlinger
Sallie Faulkner Fletcher	Nina Schultz
Anita Grace Forman	Bessie Trimble Scott
Marion Franklin	Izora Scott
Mary Gould Gray	Margaret Grace Sercomb
Anne Dunkin Greene	Alice Van Woert Smith

Marguerite Smith
Arrietta Snyder
Charlotte Louise Solomon
Lydia Holt Sparkman
Hilda Louise Staber
Abigail Adams Talbot

Anna Sarah Tattershall
Martha Thompson
Anna Frances Muriel Thorp
Ethel Agnes Watson
Edith Welle
Harriet Leslie Wilcox

Mabel Pauline Wolff

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IV Conferring of the Degree of Bachelor of Laws

The candidates will be presented by

Professor GEORGE WASHINGTON KIRCHWEY

Dean of the Faculty of Law

Gardner Abbott, A.B.
Benjamin Abraham, A.B.
William Herbert Adams, A.B.,
A.M.
Albert Alonzo Agenbroad, A.B.,
A.M.
William Fitch Allen, A.B.
Halcott Anderson, A.B.
David Asch, A.B.
Milton Jacob Bach, B.S.
John James Bakerman, A.B.
Milton Ballenberg
Randolph Coe Barrett, A.B.
Kahl Clement Bates
William Robert Bayes, A.B.
Phelan Beale, LL.B.
Earle Lynwood Beatty, A.B., A.M.
Sydney Bernheim
Allan Beach Arnold Bradley, A.B.
Edwin Walter Brouse, A.B.
Ernest Gunton Budington, A.B.
Joseph Stettenheim Bühler, A.B.
Jarvis Pomeroy Carter, A.B.
Franklin Mortimer Clark, A.B.
Arthur Joseph Cohen, A.B.

Homer Lusk Collyer, A.B., A.M.
Edward Vinson Conwell
Harry Gabriel Cowen, A.B.
William Kay Crawford, B.L.
William Stickney Creevey, A.B.
Wilbur Love Cummings, A.B.
Arthur Louis Davis
Edward Leroy Davis
Fred Milo Deweese, A.B.
Edgar Norman Dollin
William Comstock Duell
Frederic Gibbons Dunham, A.B.
Knowlton Durham, A.B., A.M.
Harold Perry Dworsky, A.B.
Edward Vincent Farley, A.B.
James Emmet Finegan, Ph.B.,
A.M.
Charles Alexander Finney
Frank Halsey Foss, A.B.
Leonhard Felix Fuld, A.B., A.M.
Robert Shaeffer Gast, A.B.
Albert Cooley Gillette, Ph.B., A.M.
Philip Goldfarb
Oliver Louis Goldsmith
Adolph Eugene Gutsell, B.S., A.M.

Herbert Joseph Haas, A.B.
Richard Compton Harrison, A.B.
Arthur Garfield Hays, A.B.
Harold H. Herché
Henry Koch Heyman, A.B., A.M.
Milton Hoffman, A.B.
Ramsay Hogue, E.E.
Henry Wright Howes
Henry Christian Intemann, B.S.
Adolph Jarmulowsky
Charles Kaufmann, A.B.
Sidney Walter Kaufmann
Harry Williamson Kouwenhoven
Charles James Lane, B.S.
Clay Lawrence, B.S., A.M.
Miles Walker Lewis, A.B.
Arnold Lichtig
Charles Edward Loew, B. ès Let.
et Sci.
Ethelbert Ide Low, A.B.
Raymond Joseph McPhee
Charles Duncan Miller, A.B.
John Merrick Moore, LL.B.
James Garfield Moses, A.B.
George Albert Nagle
Frank Watkins Neary, A.B.
Howard Weidner Pierce, A.B.
Stuart Carothers Pilcher
Emile Pincus, B.S.
Edgar Dudensing Pitske, A.B.
Joseph Moses Prenskey
William Henry Pritchard, A.B.
David Milton Proctor, A.B.
Henry Suydam Reynolds, A.B.
Saul Edwin Rogers, B.S.
Howard Mead Rowe

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Theodore Raymond St. John, A.B.
Edward Michael Salley
Orville Carfield Sanborn, A.B.
Jacob S. Schey, Ph.B., A.M.
Lewis Schuldenfrei
Edward Schuster, A.B.
Robert Schwab
Ralph Jacob Schwarz, A.B., A.M.
Harry Ackerman Shuart, Ph.B.
Frank Heustis Sincerbeaux, A.B.
Milton Marcus Sittenfield
Herbert William Smith, A.B.
Joseph Whittlesey Spencer, A.B.
Porter Steele, A.B.
Maurice Steiner, A.B.
Francis Joseph Aloysius Sullivan,
A.B., A.M.
Mortimer Aloysius Sullivan
Samuel Abraham Telsey, A.B.
Louis John Te Poel, A.B.
Emanuel Tepper
Richard Barber Tillinghast, A.B.
Ward Vanderhoof Tolbert, A.B.
Ernest William Tyler
William Andreas Wagner
Aaron Stockholm Baldwin Walker
Samuel William Wallach
Niel Alexander Weathers, B.S.
Joseph Zacharay Wechsler, B.S.
Samuel Weinstein
Paul R. Welch
Warner Wesley Westervelt, Jr.
John Parker Wise, Ph.B.
Alfred Julius Wolff
Jacob Wolff, Ph.B.
Moses James Wright, A.B.

V Conferring of the Degree of Doctor of Medicine

THE HIPPOCRATIC OATH

will be administered by

Professor JOHN G. CURTIS

after which the candidates will be presented by

Professor SAMUEL W. LAMBERT

Dean of the Faculty of Medicine

Victoriano Diego Agostini, A.B.	Herman Cohen
Charles Lawrence Allers	Louis Cohen
Edgar Bond Armstrong	Edward Martin Colie, Jr., A.B.
Hugh Auchincloss, A.B.	David Corcoran
Julius Auerbach	Robert Cordner, Ph.G.
Perceval Martin Barker	George Franklin Cottle, B.S.
Frederick James Barrett	Eugene John Cronin
Frederic Huntington Bartlett, A.B., A.M.	Charles Thomas David
Clarence Whittemore Bartow, A.B.	Charles Campbell DeKlyn
Hans George Baumgard, B.S.	David Derow
John Albert Bennett	Francis McLean Dickinson, Ph.B.
Luis Phillandus Bernstein, B.S.	Samuel Ward Dodd, B.S.
Ross Elliot Black	George Cornelius Driscoll
Benjamin Joseph Bockshitzky	Kirby Dwight, A.B.
Ellis Bonime	George Bache Emory, A.B.
Henry Arthur Bonynge	Piero Fiaschi, D.D.S.
John Francis Bourke	Edward Frankel, Jr.
Carlisle Storm Boyd	Henry Mendel Friedman
William Ballantine Boyd, B.S.	Simon Frucht, B.S.
John Stanislaus Brady, A.B.	Edward Alfred Fruchthandler
Jacob Braun	John Darby Gaskins
Robert Merida Brown, A.B.	John Carl Arpad Gerster, A.B.
Philip Edwin Brundage, A.B.	Edward Lyon Ginsburgh
Henry Frederick Bruning	Samuel Jesse Goldfarb
Mason David Bryant	Henry Flack Graham
Louis Bucans	Jules Victor Haberman, A.B.
Aims Reading Chamberlain, A.B.	Orville Reed Hagen
John Swope Davis Chambers	Gabriel Hamburger, A.B.
John Henry Childs	Charles John Harbeck, A.B.
Louis Vincent Clarke	Anthony Hart Harrigan
	Louis Israel Harris

Francis Bernard Hart	Jacob Maximilian Lipschutz
Moses Harwich	Thomas Cresap McCoy
Pliny Harold Hayes, A.B.	James Harry McCroskery
Harold Melvin Hays, A.B.	Joseph Zimmerman McDermott
Walter James Heimann, A.B.	J. Corwin Mabey
Joseph Heine	Clifford Burnett MacIntyre, A.B.
Alfred M. Hellman, A.B.	Albert Carlyle Margulies
Alexander Hitlin	Nathan Barnert Martin
Harry Steers Holland, A.B.	Harrison Stanford Martland, A.B.
Charles Spalding Hunt	Martin Stoetzel Meinzer, B.S.
Allen Carrington Hutcheson, A.B.	Lester Foye Meloney
Robert Hamilton Hutchinson, Jr.	George Adams Merrill, A.B.
Arthur Lefferts Hutton, A.B.	Harry Ahrend Meyer
Joseph Andrew Hyams	Julius Laurance Mogulesko
Abraham Hyman	Walter Barclay Mount, A.B.
Henry Iskowitz	William Narins
Virgil Strother Ison, (October 17)	Frank Yeomans Neer
Albert F. Jackson	John Francis Nelson
Abraham Ezra Jaffin	Jacob Nemoitin
James Walker Jameson, A.B.	Harold Neuhof
Marius Early Johnston, B.S., M.S.	Louis Neuwelt, A.B.
Edward Raphael Joyce, A.B.	Reuben Newman
Louis Gabriel Kaempfer, B.S.	Max Nisselson
David John Kaliski	Alfred Henry Noehren, A.B.
Samuel Henry Kanner	Vincent James Orlando
Joseph Bernard Kanter	Reuben Ottenberg, A.B.
Julius Kaunitz	Edwards A. Park, A.B.
Jacob Adlai Keller	Leo Ambrose Parker, A.B., A.M.
Sidney Clarence Keller	Robert Walter Pettit, A.B., A.M.
Harry August Keune	Martin Thomas Powers
James Jessai Koff	Otto Rudolf Pozděna
Bernard Kohn	Ralph Newbury Prentiss, M.D.
Charles Krumwiede, Jr., A.B.	Charles Irville Prescott, B.L.
Conrad Frederick Kurpick, A.B.	P. Clinton Pumyea, B.S.
Martin Kutscher	Charles Michael Quinn
Jefferson Brown Latta	Benjamin Radgik, B.S.
Charles Thomas Leslie, B.S.	Henry Ernest Ricketts
Harry Lazarous Levant	Salvatore Crisenza Romano
Charles Levin	Abraham Rosenberg
Harry Levy, A.B.	Charles Rosenheck
Murney Edward Lewis	Henry Rosenstein
Gordon Lindsay, Ph.G., B.S.	Isidor Rubin

Ralph Ryan, A.B.
Sylvester Edward Ryan
Warren Wallace St. John
George Sanders, LL.M.
Antonio Joseph Sartori (October
17)
Eugene Paul Schaefer
Joseph Schapiro, B.S.
Max Schayer
Maximilian Schulman
Myer Easer Schwartz, Ph.G.
Harry Moses Serota
Norman Strahan Shenstone, A.B.
George Milton Smith, A.B.
Joseph Jacob Smith
Malcolm Eadie Smith
Stafford Baker Smith
William Sidney Smith
George Arthur Soden
Frank Deming Solley
Isaac Philip Starr
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Harry Harrington Stevens, Ph.G.
Milne Barker Swift
Walter Raymond Terry, A.B.
William James Tiffany
Raynham Townshend, Ph.B.
Louis Tulipan
Julius John Valentine
John Veve, A.B.
Pedro Villoldo
Max Volk
Irving Wilson Voorhees, B.S.
Leopold Leo Wertheim
Davenport White, Ph.B.
John Robert Wilson
Jacob Wisansky, B.S.
Jacob Irving Wolf, B.S.
Harold Walgrove Wright
Harry Jacob York, B.S. (October
17)
Max Zigler
Avrum Herman Zeiler

VI Conferring of the Degrees of Engineer of Mines, Civil Engineer, Electrical Engi- neer, Metallurgical Engineer, Mechanical Engineer, and Bachelor of Science in Chemistry

The candidates will be presented by
Professor FREDERICK REMSEN HUTTON
Dean of the Faculty of Applied Science

MINING ENGINEERING

Glenn Anderson
George Oates Argall
William Sage Baldwin (July 28)
Edwin Stewart Berry
Donald T. Boardman

Henry Thornton Bowles, A.B.
(September 12)
Thomas Rector Buell
Albert Roy Camp (November 29)
John Walz Catron (April 3)

Francis Morton Clark, Mech.E.
(March 20)

Francis Winfield Collins
Frederick Stephen Cook
Clarence Tine Dantziger
Carl Henry Decker, A.B. (April 20)
Percy William Donovan
Harold Pennock Dyer
Richard Hermann Ernest
Thomas Eustace Fisher
Francis Seeley Foote, Jr.

(February 28)

Charles Lewis Frambach
Arthur William Geiger
Marcus Isaac Goldman, A.B., B.S.
Clyde Tyler Griswold, A.B.
August Frank Hahnel
Richard M. Jones, A.B.

(February 18)

Max Kraut

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Ralph Norris Marble, Jr.
Ralph Martin
Harry Levi Mead
George Miltenberger, Jr.
Carl N. Nelson
Gilbert Lee Nicoll (May 12)

Harold Payson
Paul Jerome Pitner
Jesse Combs Porter
Frederick James Powell
Ambrose Ely Ring
Robert Benson Rogers
Otto Diedrich Rohlfes
Sidney Rolle
Arthur Cleveland Scott
Herbert Luplin Silverman
Alwyn Charles Smith, B.S., M.S.
Andrew Walz
Bleecker Langdon Wheeler
William Abbott Edward Woods

CIVIL ENGINEERING

Frederick Bayard Barshell, B.S.
Samuel Behrman
William Adolf Bode
Milton Longacre Cornell
Francis Stirling Crowell
William Heyman
Frederic Learoyd Humphrey
Robert James Lucas
Alfred Sidney Malcomson

Charles Earl Matthews
Luis Morales (September 12)
Samuel Alexander Schwarz, A.B.
George Schwegler
Harold Shields, A.B.
Alexander Saul Solow, B.S.
(September 7)
Charles Albert Augustine Steeg-
muller

Conrad Trubenbach, B.S.

[17]

ELECTRICAL ENGINEERING

Williamson Bourdette Bowie
Walter Edward Foskett Bradley
Arthur Bleyer
Henry Charles Haas

Edward Joseph Haines
Louis Henry Haight (October 18)
George Werner Hochsprung
(September 30)

George Heberton Hooper, Jr.	Charles Hall Stoutenburgh
Samuel O. Jacobson, B.S.	William Heron Trippe
(March 14)	Frederick Ellis Ward
Walter Lidgerwood Smillie Pierce	Gerard Bernard Werner, A.B.
Leo Lawrence Pollak, B.S.	Adolph Isaac Man Winetraub, B.L.,
Thomas Walter Rochester	B.S.
	Willy August Wolff

[18]

MECHANICAL ENGINEERING

Eugene Ashley	Theodore Mead, Jr. (January 19)
Stanfield Nichols Arnold	Melach I. Nusim
Thomas Hamilton Burch, Jr.	Robert Marquis Strong
William Henry Connell, Jr.	William Edward Struss
Frederick William Hollmann	Raphael John Rufo Terry
John Blake Kellogg, Ph.D.	(October 4)

[11]

METALLURGY

Remsen Taylor Williams

[1]

CHEMISTRY

Henry Safford Doty	Albert William Hahn
	Arthur Julius Mettler

[3]

VII Conferring of the Degree of Bachelor of Science in Architecture

The candidates will be presented by

PROFESSOR ALFRED D. F. HAMLIN

Professor of the History of Architecture

William Harold Butterfield	Angus Snead Macdonald, A.B.
Edward Clarence Dean, Ph.B.	William Robert Powell (March 3)
(January 11)	Fitzhugh Scott

[5]

VIII Conferring of the Degree of Bachelor of Science in Education

The candidates will be presented by

Professor JAMES EARL RUSSELL

Dean of Teachers College

Samuel Philip Abelow	Anna Charlotte Hedges
Edith Sherwin Adams	Clara Melita Hetschel
Anna Bessie Allen	Frances Henrietta Hibbard
Edith DeLancey Allen	Ella Huntting
Amy Fields Arey, Ph.B.	Katherine Anna Kunz
Louis Jules Armand	Lillie Maria Lawrence
Lewis Birch Battley	Joseph Lipke
Anne Townsend Bridgman	Laura Eloise McDowell
Thomas James Browne	Elizabeth McEvoy
Herman Bucher	Mary Wilson McGahey, A.B.
Marion Emma Church	Alexandra MacInnes
Della Louise Conger	Margaret Elliot McKay
Mary Emma Conner	Emily Lydia Maeder
Mary Agnes Cotter	Charles Marten
Richard McLeod Crawford	William Samuel Marten
Frances Isabel Davenport	Helen Patterson Martin, A.B.
Sarah Eliza Dean	Ida E. Mather
Mary Ellen Dolphin	Jane Mathews
Clayton George Durfee	Chester Arthur Mathewson
Elsie Erdwurm	Charles Robert Maxwell
Susan Ida Evans	Edna M. Moore
Ellice Heaton Fitch, A.B.	Grace Owen
James Russel Forden	Frank Alvah Parsons
Natalie Sternberg Forrest	Edith Chester Pelton
Lorena M. Frost	Robert Huntington Proctor
Clara Maria Gilbert	Florence Saeger Richards
Cordelia Virginia Glanton	Helen Christine Mildred Roth, A.B.
Louise Phillips Glanton	Charles C. Rubens
Willystine Goodsell	Ida Schwabe
Nona Gould	Elizabeth Kimber Seward
Maria Daniel Graham	Nora Taylor Skinner
Emma Collier Grant, II	Elizabeth Beckwith Sowles
James Martin Graves	Flora Stuart
Shirley Eugene Gray	Elizabeth Tolman Sumner
Fanny Josephine Haefelin	Earl Garfield Taplin

Bessie Rheton Taylor
Grace Catherine Telford
May Belle Van Arsdale
Mary Adelaide Walker

Mary Theodora Whitley
Maud Whitlock
Nora Belle Whitney
Henrietta Briscoe Wingfield

Ada Gertrude Woods

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IX Conferring of the Diplomas of Teachers College

The candidates will be presented by

Professor JAMES EARL RUSSELL

Dean of Teachers College

DOCTOR'S DIPLOMA IN EDUCATION

Charles Josephus C. Bennett

A.B., University of Nashville, 1889;
A.M., Leland Stanford, Jr., University, 1896.

George Drayton Strayer

A.B., Johns Hopkins University,
1903.

Ellwood P. Cubberley

A.B., Indiana University, 1891;
A.M., Columbia University, 1902.

Anthony Henry Suzzallo

A.B., Leland Stanford, Jr., University, 1899; A.M., Columbia University, 1902.

Walter Fenno Dearborn

A.B., Wesleyan University, 1900;
A.M., Wesleyan University, 1903.

Fletcher Harper Swift

A.B., Dartmouth College, 1898; A.M.,
Columbia University, 1904.

Edward Charles Elliott

B.S., University of Nebraska, 1895;
A.M., 1897.

[7]

MASTER'S DIPLOMA IN EDUCATION

Anne Margaret Couch

A.B., Woman's College of Baltimore,
1904.

Raymond Pimlott Kaighn

Ph.B., Hamline University, 1898.

George William Dorland

B.S., College of the City of New York,
1897.

John Kelley

Pd.B., Benton Harbor College, 1897.

Irwin William Driehaus

B.S., University of Cincinnati, 1900.

Bûlus Kuzma Khauli

A.B., Syrian Protestant College,
Beirût, 1897.

Luella Helen Eakins

A.B., Woman's College of Baltimore,
1903.

James E. Laden

A.B., Manhattan College, 1904.

Anna Leah Fox

Ph.B., Brown University, 1904.

Louis Marks

B.S., College of the City of New York,
1896; Pd.M., New York University,
1903.

Franklin Sherman Hoyt

B.S., Boston University, 1893.

Anthony Pugliese

A.B., College of the City of New York, 1897.

Edward Everett Rall

A.B., University of Iowa, 1900;
Ph.D., Yale University, 1903.

Jeannette Rowland Seibert

A.B., Columbia University, 1902.

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Alva Walker Stamper

B.S., University of California, 1895.

Mary E. Thompson

B.Pd., Michigan State Normal College, 1901.

Edith Alice Zink

A.B., Mt. Holyoke College, 1904.

BACHELOR'S DIPLOMA IN EDUCATION

FOR TEACHING IN SECONDARY SCHOOLS

Samuel Philip Abelow (History)

Anna Bessie Allen (Mathematics)

Elizabeth Waddington Bassett
(German, History)

Florence Louise Beekman, A.B.
(History)

Florence Evelyn Beers (Latin)

Georgina Grace Bennett (English)

Florence Irene Biggin (Latin)

Ann Eliza Brown (Latin)

Margaret Cecilia Byrne (Mathematics)

Emma Shaw Calhoun (English)

Lulu Jane Carpenter (Latin)

Gertrude Louise Cathcart (German)

Helen Nessa Cohen (Mathematics)

Grace Morrelle Conover (Mathematics)

Mary Agnes Cotter (English, History)

Elizabeth Day (History)

Harriet E. Day (English)

Nathan Nathan Dickler (Mathematics)

Edith Augusta Dietz (English)

Mary Ellen Dolphin (History)

Agnes Lacy Durant (Biology)

Clayton George Durfee (English)

Charlotte Eggleston, A.B. (Mathematics)

Sarah Elder, A.B. (English, History)

George Marcus Falion (Greek, Latin, Physical Education)

Grace Marie Farrelly (History)

Sallie Faulkner Fletcher (Latin)

Anita Grace Forman (Mathematics)

Marion Franklin (Mathematics)

Clara Maria Gilbert (English)

Willystine Goodsell (English, History)

Louis Gottschall, B.S., A.M.
(Mathematics)

Nona Gould (Biology, Geography)

Maria Daniel Graham (Mathematics)

James Martin Graves (Mathematics)

Mary Gould Gray (Mathematics)

Shirley Eugene Gray (Physical Science)

Fanny Josephine Haefelin (German)

Warren Otis Hager (Greek)

Helen Alice Hochheimer (English)

Margie Ethel Hoffman (English)

Ida May Hope (Biology)
 Ella Huntting (Geography)
 Carrie Kaplan (English)
 Anna Josephine Kennedy (History)
 Bertha King (English)
 Edgar Raymond Kraetzer (English)
 Katherine Anna Kunz (French)
 Lillie Maria Lawrence (Latin)
 Mary Day Lee (Physical Science)
 Joseph Lipke (Mathematics)
 Fredericka Loew (German)
 Alexandra MacInnes (English,
 History)
 Helen Patterson Martin, A.B.
 (Latin)
 Jane Mathews (Mathematics)
 Chester Arthur Mathewson (Biology)
 Charles Robert Maxwell (Mathematics)
 William Stuart Messer (Latin,
 Mathematics)
 Isabelle Mott (English)
 Eleanora Louise Munroe (English)
 Florence Isabelle Nye (History)
 Helen Letitia Palliser (Biology)
 George William Peter (German)
 Marie Maples Preston (History)
 Robert Huntington Proctor (Physical
 Science)
 Ruth Angeline Reeder (English)
 Anna Campbell Reiley (Latin)
 Ronald Frank Riblet (English)
 Florence Saeger Richards (Latin)
 Helen Christine Mildred Roth, A.B.
 (German)

Nina Schultz (Mathematics)
 Ida Schwabe (German)
 Margaret Grace Sercomb (Mathematics)
 Elizabeth Kimber Seward (Geography)
 Alice Van Woert Smith (Latin)
 Leslie Brewster Smith (Mathematics,
 Physical Education)
 Arrietta Snyder (Mathematics)
 Charlotte Louise Solomon (Latin)
 Elizabeth Beckwith Sowles (History)
 Lydia Holt Sparkman (History)
 Hilda Louise Staber (English)
 Albert Harrington St. George (German,
 History)
 Earl Garfield Taplin (Mathematics)
 Anna Sarah Tattershall (Mathematics)
 Bessie Rheton Taylor (Mathematics)
 Mildred Terrett, A.B. (Physical
 Science)
 Martha Thompson (Biology)
 Anna Frances Muriel Thorp (English)
 May Belle Van Arsdale (Physical
 Science)
 Edith Welle (Mathematics)
 Mary Theodora Whitley (English)
 Nora Belle Whitney (Mathematics)
 Henrietta Briscoe Wingfield (English)
 Charlotte Spencer Young, A.B.
 (Biology)

FOR TEACHING IN ELEMENTARY SCHOOLS

Amy Fields Arey, Ph.B.	Ella Huntting
Carrie Vivian Barnes	Clara Chaney James
Marion Emma Church	Mary McGhee, A.B.
Frances Isabel Davenport	Mary Isabel McDonald
Sadella Marie Donalson	Laura Eloise McDowell
Agnes Lacy Durant	Elizabeth McEvoy
Elsie Erdwurm	Margaret Elliot McKay
Susan Ida Evans	Emily Nicholas
Floe Anne Farlow	Maria Adams Rogers, B.L.
Louise Phillips Glanton	Charles C. Rubens
Frances Henrietta Hibbard	Flora Stuart
Estelle Hinton	Mary Adelaide Walker
	Ada Gertrude Woods

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FOR TEACHING IN KINDERGARTENS

Anna Rose G. Brady	Catherine Loretta Maddock
Della Louise Conger	Alice Martin
Ellice Heaton Fitch, A.B.	Ida E. Mather
Lorena M. Frost	Edna M. Moore
Emma Collier Grant, II	Leila Reppenhagen

[10]

FOR TEACHING DOMESTIC ART

Laura Virginia Babb	Evelyn Cecile Smith
Agnes Houston Craig	Anna May Stockbridge
Florence Amelia Hill	Edith Irene Weidman

[6]

FOR TEACHING DOMESTIC SCIENCE

Ida J. Batdorff	Isabella E. Jewell
Cora E. Binzel	Marion Elizabeth Jones, B.S., M.S.
Myra Brewster Clarke, A.B.	Emily Lydia Maeder
Rachel Hartshorn Colwell, B.S.	Bertha Melville Miller, Ph.B.
Blanche Cooper	Ruth Morrison
Sarah Eliza Dean	Mae Owen
Mary Evans	Pansy Sara Raynolds, Ph.B.
Etta Proctor Flagg	Elizabeth Lincoln Russell, B.L.
Natalie Sternberg Forrest	Nora Taylor Skinner
Anna Monroe Gilchrist	Elizabeth Tolman Sumner
Grace Greenwood	Grace Catherine Telford

Charlotte M. Way, B.S., A.B.

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FOR TEACHING FINE ARTS

Mary Juanita Brison
Herman Bucher
Richard McLeod Crawford
Ethel Alice Greene
Clara Melita Hetschel
Maud May Isles
Hannah Tempest Jenkins
Edith Ellen Lyon
Edna Neville Murphy

Margaret Otis Nesbit
Frances Hannah Oakley
Frank Alvah Parsons
Clara Bennett Stafford
H. May Stubbs
Jessie Elma Taylor
Avis Waterbury
Edith Lake Wilkinson
John Kellogg Woodruff

[18]

FOR TEACHING MANUAL TRAINING

Herman Bucher
George Walkley Cheney
James Russel Forden
Cordelia Virginia Glanton
Howard Stoddard Harris
Philip S. Hasty

Mary Wilson McGahey, A.B.
Charles Marten
William Samuel Marten
William Dates Miller
Henry Woolf
Benjamin Cooper Wooster

Norman Porter Work

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FOR TEACHING MUSIC

Isabel Randolph Douglas
Helen Latham
Leonora Walmsley Sheib

Linda May Smith
Margaret Hubbell Start
Ruth M. Wallace

[6]

FOR TEACHING PHYSICAL EDUCATION

Edith Sherwin Adams

Thomas James Browne

[2]

X Conferring the Degree of Pharmaceutical Chemist

The candidates will be presented by

HENRY HURD RUSBY

Dean of the College of Pharmacy

George Martin Broemmel, B.S.,
Ph.G.

Samuel Kutscher, Ph.G.
Benjamin Nicholas Levy, Ph.G.

[3]

MUSIC

Selection from "Die Walküre" Wagner

XI Conferring of the Degree of Master of Arts

The candidates will be presented by

Professor WILLIAM HENRY CARPENTER

Secretary of the University Council

- Edward Bradford Adams
A.B., Yale University, 1901; B.D.,
1904.
- James Edwin Addicott
B.S., Columbia University, 1904.
(April 11.)
- William Anthony Aery
A.B., Columbia University, 1904.
- Albert Alonzo Agenbroad
A.B., Oberlin College, 1900.
- Elizabeth Allen
A.B., Columbia University, 1902.
- David Asch
A.B., Columbia University, 1903.
- Frederick William Baeslack
A.B., Amherst College, 1902.
- Oliver Edwin Baker
B.S., Heidelberg University, 1903;
M.S., 1904.
- Gertrude Ellen Ballard
A.B., University of Minnesota, 1903.
- Effie Margaret Banta
A.B., Wellesley College, 1891.
- Cora Livingston Barber
A.B., Adelphi College, 1901.
- Nathaniel Waring Barnes
A.B., Columbia University, 1903.
- Morris Baron
A.B., Harvard University, 1904.
- Mary Franklin Barrett
B.L., Smith College, 1901.
- Randolph Coe Barrett
A.B., Williams College, 1902.
- Frederick Bayard Barshell
B.S., College of the City of New
York, 1902.
- Alexander Basel
(Equivalent A.B.), Beth-Hamidrash,
Frankfurt a/M., Germany, 1902.
- Charles Edward Wagstaffe Bateson
E.M., Columbia University, 1902.
- Florence Louise Beekman
A.B., Columbia University, 1904.
- James Stark Bennett
B.L., Pomona College, 1903.
- Clinton Hamlin Blake
A.B., Columbia University, 1904.
- Henry James Wheeler Bliss
A.B., Oxford University, 1904.
- Charlotte Ritzema Bogert
A.B., Swarthmore College, 1904.
- Emma Miller Bolenius
A.B., Bucknell University, 1898;
A.M., 1901.
- John Frederick Bower
A.B., Allegheny College, 1898.
- Harry Francis Brewer
A.B., National Normal University,
1891.
- Thomas Clachar Brown
A.B., Amherst College, 1904.
- Howard Edwin Bruner
A.B., Louisiana State University,
1903.
- Ernest Gunton Budington
A.B., Columbia University, 1902.
- Durward Earle Burchell
A.B., Columbia University, 1904.
- William Campbell
B.S., Royal School of Mines(London),
1898; M.S., Ph.D., Columbia Uni-
versity, 1903.
- Thomas Samuel Carnahan
B.S., Missouri School of Mines, 1904.
- Myra Brewster Clarke
A.B., University of Washington,
1900.
- Emma Agnes Clinton
A.B., Indiana University, 1900.

- Helen Louise Cohen
A.B., Columbia University, 1903.
- Elizabeth Avery Colton
B.L., Statesville College, 1889; B.S.,
Columbia University, 1903.
- Rachel Hartshorn Colwell
B.S., Denison College, 1903.
- Herbert Wheaton Congdon
B.S., Columbia University, 1897.
- Melville Fuller Coolbaugh
B.S., Colorado College, 1902.
- Anne Margaret Couch
A.B., Woman's College of Baltimore,
1904.
- Harry Crone
B.S., College of the City of New York,
1902.
- John Whiting Crowell
A.B., Columbia University, 1903.
- Frederick Van Dyke Crusier
B.S., Columbia University, 1903.
- Preston Cumming, Jr.
Ph.B., University of North Carolina,
1903.
- Clara Bartlett Dean
A.B., Adelphi College, 1904.
- Benjamin Franklin Dixon, Jr.
A.B., Trinity College, 1903.
- Thomas James Donohue
B.S., College of the City of New York,
1897.
- George William Dorland
B.S., College of the City of New York,
1897.
- Katharine Swift Doty
A.B., Columbia University, 1904.
- Arthur Wayland Dox
B.S., University of Pennsylvania,
1904.
- Irwin William Driehaus
B.S., University of Cincinnati, 1900.
- Carson Samuel Duncan
A.B., Wabash College, 1901; A.M.,
1902.
- Frederic Gibbons Dunham
A.B., Cornell University, 1902.
- Joseph Aloysius Dunney
A.B., Manhattan College, 1901.
- Annie Lombard Dyar
B.L., Northwestern University, 1901.
- Luella Helen Eakins
A.B., Woman's College of Baltimore,
1903.
- Arthur Frederick Egner
A.B., Columbia University, 1903.
- Sarah Elder
A.B., University of Chicago, 1900.
- Helen Erskine
A.B., Columbia University, 1904.
- Bruno Fedter
A.B., College of the City of New
York, 1903.
- Anna Almira Fisher
A.B., Antioch College, 1899; A.M.,
1890.
- Anna Leah Fox
Ph.B., Brown University, 1904.
- Fred Gates Fox
A.B., University of Illinois, 1898;
A.M., 1903.
- Louise Stetson Fuller
A.B., Smith College, 1904.
- Eveoline Gano
A.B., Kansas State University, 1904.
- Herbert William Gartrell
A.B., University of Adelaide, 1902;
B.S., 1902.
- Sinai Gerschaneck
A.B., College of the City of New
York, 1902.
- Israel Edwin Goldwasser
B.S., College of the City of New York
1897; M.S., 1900.
- Clarence Everett Gordon
B.S., Massachusetts Agricultural Col-
lege, 1901; B.S., Boston University,
1903.
- Jacob Greenberg
A.B., College of the City of New York,
1904.
- William King Gregory
A.B., Columbia University, 1900.
- Benjamin Charles Gruenberg
B.S., University of Minnesota, 1896.
(October 18.)

- Elsie Hammond
A.B., Mt. Holyoke College, 1902.
- Richard Compton Harrison
A.B., Columbia University, 1903.
- Chris Andrew Hartnagel
B.S., Union College, 1898; Pd.B.,
State Normal College, 1900.
- Juliana Haskell (Mrs.)
A.B., Columbia University, 1904.
- Carlton Huntley Hayes
A.B., Columbia University, 1904.
- Arthur Garfield Hays
A.B., Columbia University, 1902.
- Harold Melvin Hays
A.B., Columbia University, 1902.
- John Walter Heckert
Ph.B., Hamline University, 1900.
- Charles Le Roy Hendrickson
A.B., Columbia University, 1903.
- LeRoy Bedford Herbert
A.B., College of the City of New
York, 1898. (February 14.)
- Elsie Goldina Herzfeld
A.B., Columbia University, 1903.
- Alice Higgins
A.B., Adelphi College, 1902.
- Hermann Hilmer
A.B., University of Michigan, 1904.
- Cecil Shepard Hines
B.S., Denison University, 1902.
- Ramsay Hoguet
E.E., Columbia University, 1903.
- Alta Mae Housef
A.B., Kansas Wesleyan College, 1900;
Pd.B., Kansas Wesleyan Normal
School, 1900. (October 18.)
- Guy Clemens Howard
B.S., University of Nebraska, 1900.
- Ruth Bouton Howe
A.B., Columbia University, 1903.
- Franklin Sherman Hoyt
B.S., Boston University, 1893.
- Maud Aline Huttman
B.S., Columbia University, 1904.
- Edward Andrews Ingraham
A.B., Wesleyan University, 1902.
- Olin Ingraham
Ph.B., Wesleyan University, 1904.
- Leo Jacobs
A.B., College of the City of New
York, 1900.
- Walter Abraham Jacobs
A.B., Columbia University, 1904.
- Meyer Jacobstein
A.B., Columbia University, 1904.
- Charles Baring Jameson
A.B., College of the City of New
York, 1896.
- Margaret Scott Jarvie
A.B., Cornell University, 1902.
- Thomas Carlyle Jones
B.S., University of Pennsylvania,
1903.
- Samuel Lucas Joshi
A.B., Madras University, 1896.
- Raymond Pimlott Kaighn
Ph.B., Hamline University, 1898.
- John Kelley
Pd.B., Benton Harbor College, 1897.
- Bûlus Kuzma Khaulî
A. B., Syrian Protestant College,
Beirût 1897.
- Edwin Patrick Kilroe
A.B., Columbia University, 1904.
- Grant Knauff
A.B., Columbia University, 1904.
- Lucile Kohn
A.B., Columbia University, 1903.
- William Adolph Kottman
B.S., College of the City of New York,
1886; Columbia University, LL.B.,
1889; Pd.M., New York University,
1902.
- James Edward Laden
A.B., Manhattan College, 1904.
- Charles James Lane
B.S., College of the City of New York,
1901.
- Marion Elizabeth Latham
A.B., Columbia University, 1903.
- Susan Adele Lathrop
A.B., University of Nebraska, 1904.
- Alfred Stratton Lawrence
A.B., Columbia University, 1902.
- Louis Rossell Lawyer
B.S., College of the City of New York,
1896.

- Macon Anderson Leiper
A.B., University of Nashville, 1901.
- Edward Benjamin Levy
A.B., College of the City of New York, 1904.
- Charles Ramsdell Lingley
B.S., Worcester Polytechnic Institute, 1900.
- Rudolph Rubino Loening
A.B., Columbia University, 1904.
- Henry William Lohman
B.S., Missouri School of Mines, 1904.
- Alexander Lyons
B.L., McMicken University, 1891.
- Howard Lee McBain
A.B., Richmond College, 1900; A.M., 1901.
- John Joseph McBride
A.B., Manhattan College, 1901.
- Anne Bush MacLear
B.S., Columbia University, 1901.
- Theodore James William Malm-
berry
A.B., Columbia University, 1904.
- Louis Marks
B.S., College of the City of New York, 1896; Pd.M., New York University, 1903. (April 11.)
- Melvin Albert Martin
A.B., Richmond College, 1898.
- Arthur Ray Maxson
A.B., Rollins College, 1900.
- Albert Worthington Meisel
A.B., Brooklyn Polytechnic Institute, 1902.
- Waldemar Eric Metzenthin
A.B., Franklin and Marshall College, 1899.
- Arnold William Meyer
A.B., Iowa College, 1899.
- Philip Moeller
A.B., Columbia University, 1904.
- Alpheus Wilberforce Moon
A.B., Indiana University, 1895.
- Justin Hartley Moore
A.B., College of the City of New York, 1903. (October 18.)
- Stephen Halcut Moore
A.B., Vanderbilt University, 1894.
- Charlotte Elizabeth Morgan
A.B., Columbia University, 1904.
- Leigh Merle Morss
A.B., Lehigh University, 1904.
- Benjamin Lindley Murray
B.S., University of Michigan, 1896.
- Samuel George Nissenson
A.B., College of the City of New York, 1904.
- Gerald Stuart O'Loughlin
A.B., Columbia University, 1903.
- Reuben Ottenberg
A.B., Columbia University, 1902.
- Walter Gustav Carnes Otto
A.B., Columbia University, 1904.
- Fayette Timothy Owen
A.B., Doane College, 1896; A.M., 1904.
- Fred James Pack
B.S., University of Utah, 1904.
- Ruth Louise Parker
A.B., Vassar College, 1901.
- Edgar Dudensing Pitske
A.B., Columbia University, 1904.
- Ethel Manter Pool
A.B., Columbia University, 1903.
- John Kirkpatrick Prather
B.S., University of Texas, 1897.
- Arthur Osborn Pritchard
Ph.B., Brown University, 1900.
- Anthony J. Pugliese
A.B., College of the City of New York, 1897.
- Alfred Remy
A.B., College of the City of New York, 1890.
- Grace Potter Reynolds
A.B., Smith College, 1904.
- Mary Varian Riblet
B.S., Columbia University, 1903.
- Natalie Sophie Roeth
A.B., Mt. Holyoke College, 1898.
- Gerald Benjamin Rosenheim
A.B., Johns Hopkins University, 1904.
- Olive Carter Ross
A.B., University of Nashville, 1890.
- Vernon Douglas Ruggles
A.B., Dalhousie College, 1901; A.M., 1903.

- Orville Garfield Sanborn
A.B., Oberlin College, 1902.
- Edward Sapir
A.B., Columbia University, 1904.
- Henry Hermann Louis Schulze
A.B., College of the City of New York, 1903.
- Samuel Alexander Schwarz
A.B., College of the City of New York, 1902.
- Cora Arnot Scott
A.B., Columbia University, 1900.
- Izora Scott
A.B., Columbia University, 1904.
- Jeannette Rowland Seibert
A.B., Columbia University, 1902
- Charles Harmonas Shamel
B.S., University of Illinois, 1890;
M.S., 1891; LL.B., University of Michigan, 1893.
- Henry Blount Short, Jr.
A.B., University of North Carolina, 1902.
- Herbert William Smith
A.B., Yale University, 1902.
- Alice Eddy Snowden (Mrs.)
A.B., Michigan State Normal College, 1904.
- Frank Gouldsmith Speck
A.B., Columbia University, 1904.
- Carita Spencer
A.B., Columbia University, 1902.
- Charles Edward Springmeyer
A.B., College of the City of New York, 1897.
- Albert Adams Springs, Jr.
A.B., South Carolina College, 1902.
- Alva Walker Stamper
B.S., University of California, 1895.
- Philip John Stoneberg
A.B., Knox College, 1899; A.M., 1901.
- John Warner Taylor
A.B., Columbia University, 1903.
- Louis John TePoel
A.B., Fremont Normal College, 1902.
- Mary Elizabeth Thompson
B.Pd., Normal College, Ypsilanti, Michigan, 1901.
- Charles Kenneth Thomson
B.S., Louisiana State University, 1891; C.E., 1892.
- Betty Trier
A.B., Columbia University, 1904
- Conrad Daniel Trubenbach
B.S., College of the City of New York, 1902.
- Harold Harrison Tryon
A.B., University of Pennsylvania, 1900.
- Edwin Hoyt Updike
A.B., Columbia University, 1904.
- Leigh Roy Urban
A.B., Princeton University, 1900.
- Warren Mersereau Van Name
A.B., Columbia University, 1899.
- Rudolph Ludwig von Bernuth
A.B., Columbia University, 1903.
- Benjamin Rudolf von Sholly
A.B., Columbia University, 1903.
- William John Wallin
A.B., New York University, 1901.
- David Victor Warner
A.B., Kings College, N. S., 1902.
- Constance Warren
A.B., Vassar College, 1904.
- William Asbury Whitaker, Jr.
Ph.B., University of North Carolina, 1904.
- John Boardman Whitney
B.S., Hobart College, 1904.
- Ethel Dodge Wilcox
A.B., Columbia University, 1903.
- Roland Hugh Williams
B.S., Wesleyan University, 1898.
(December 13.)
- John Howard Wilson
A.B., Brooklyn Polytechnic Institute, 1895.
- Pearl Cleveland Wilson
A.B., Vassar College, 1904.
- Samuel Sung Young
A.B., University of California, 1904.
- Jacob Zeitlin
A.B., Columbia University, 1904.
- Edith Alicia Zink
A.B., Mt. Holyoke College, 1904.

XII Conferring of the Degree of Master of Laws

The candidate will be presented by
Professor WILLIAM HENRY CARPENTER
Secretary of the University Council

John Boyce Smith, Jr.
A.B., Columbia University,
1901; A.M., 1903; LL.B.,
1904

XIII Conferring of the Degree of Doctor of Philosophy

The candidates will be presented by
Professor WILLIAM HENRY CARPENTER
Secretary of the University Council

Felix Arnold

A.B., College of the City of New York, 1898; Pd.D., New York University, 1903.
Dissertation: The psychology of association.

Enoch Marvin Banks

A.B., Emory College, 1897; A.M., 1900.
Dissertation: The economics of land tenure in Georgia.

Charles Josephus C. Bennett

A.B., University of Nashville, 1889; A.M., 1892; A.M., Leland Stanford, Jr., University, 1896.
Dissertation: Formal discipline.

Jesse Dismukes Burks

Ph.B., University of Chicago, 1893; B.L., University of California, 1894.
Dissertation: Exact methods in city school administration.

Wendell T. Bush

A.M., Harvard University, 1898.
Dissertation: Avenarius and the standpoint of pure experience.

Emily Matilda Coddington

A.B., London University, 1896; A.M., Columbia University, 1898.
Dissertation: The historical development of pseudo-spherical surfaces.

Ellwood Patterson Cubberley

A.B., Indiana University, 1891; A.M., Columbia University, 1902.
Dissertation: Equalization of the advantages of education by means of state aid.

Frederick Morgan Davenport

A.B., Wesleyan University, 1889.
Dissertation: A sociological study of revivals.

Walter Fenno Dearborn

A.B., Wesleyan University, 1900; A.M., 1903.
Dissertation: The psychology of reading.

Edward Charles Elliott

B.S., University of Nebraska, 1895; A.M., 1897.
Dissertation: A fiscal study of municipal school administration.

Henry David Gray

Ph. B., Colgate University, 1897;
A.M., Columbia University, 1898.
Dissertation: The philosophy of
Emerson.
(October 18.)

George Gorham Groat

A.B., Syracuse University, 1895;
A.M., Cornell University, 1901.
Dissertation: Results of labor legis-
lation in New York State.

Roland McMillan Harper

B.E., University of Georgia, 1897.
Dissertation: A phytogeographical
sketch of the Altamaha Gut region of
the coastal plain of Georgia.

Linville Laurentine Hendren

A.B., Trinity College (N. C.), 1900;
A.M., 1901.
Dissertation: The rate of recombina-
tion of the ions in gases at low
pressures.

Vivian Allen Charles Henmon

A.B., Bethany College, 1895; A.M.,
1899.
Dissertation: The time of percep-
tion as a measure of differences in
sensations.

Frank Erastus Hinckley

A.B., Beloit College, 1892; A.M.,
1897.
Dissertation: American consular
jurisdiction in the Orient.

Susan Myra Kingsbury

A.B., University of the Pacific, 1890;
A.M., Leland Stanford, Jr., Univer-
sity, 1899.
Dissertation: Records of the Vir-
ginia Company of London.

Stella Kramer

B.L., University of Cincinnati, 1899;
A.M., 1902.
Dissertation: The attitude of the
English government toward the craft
guilds in the 15th and 16th centuries.

Robert Julius Lau

A.B., Central Pennsylvania College,
1900; A.M., Columbia University,
1901.
Dissertation: Old Babylonian tem-
ple records.
(February 7.)

Edwin Corwin McKeag

A.B., Rutgers College, 1896; A.M.,
1897; LL.B., Columbia University,
1900.
Dissertation: The law of mistake.

Howard Daniel Marsh

A.B., Ohio Wesleyan University,
1901; A.M., 1902.
Dissertation: The diurnal course of
human efficiency.

Junius Lathrop Meriam

A.B., Oberlin College, 1895; A.M.,
Howard University, 1902.
Dissertation: Studies in Normal
schools and elementary teachers.
(February 7.)

Henrietta Evangeline Moore

A.B., University of Oregon, 1888;
A.M., 1891; M.L., University of
California, 1896.
Dissertation: Early literary activity
in New York.
(October 18.)

Henry Raymond Mussey

A.B., Beloit College, 1900.
Dissertation: The production of iron
ore in the United States.

Edmund Henry Oliver

A.B., University of Toronto, 1902;
A.M., 1903.
Dissertation: Roman economic devel-
opment from the earliest times to the
end of the republic.

Bruce Ryburn Payne

A.B., Trinity College (N. C.), 1896;
A.M., 1902; A.M., Columbia Uni-
versity, 1903.
Dissertation: A comparative study
of the content and time allotments of
the curricula of public elementary
schools in cities of the United States,
England, Germany, and France.
(February 7.)

Charles Worthen Spencer

A.B., Colby College, 1890.
Dissertation: Phases of royal govern-
ment in New York, 1691-1719.

Henry Russell Spencer

A.B., Colby College, 1899; A.M.,
Columbia University, 1901.
Dissertation: Massachusetts as a
royal province.

Charles Emil Stangeland

A.B., Augsburg Seminary, 1898;
A.M., University of Minnesota, 1901.
Dissertation: Pre-Malthusian doc-
trines of population.
(February 7.)

George Drayton Strayer

A.B., Johns Hopkins University,
1903.
Dissertation: City school expendi-
tures; the variability and interrela-
tion of the principal items.

Anthony Henry Suzzallo

A.B., Leland Stanford, Jr., Univer-
sity, 1899; A.M., Columbia Univer-
sity, 1902.
Dissertation: The rise of local school
supervision in Massachusetts.

Fletcher Harper Swift

A.B., Dartmouth College, 1898; B.D.,
Union Theological Seminary, 1903;
A.M., Columbia University, 1904.
Dissertation: A history of common
school funds in the United States.

Satoru Tetsu Tamura

B.S., Simpson College, 1900; A.M.,
State University of Iowa, 1901.
Dissertation: A mathematical theory
of the nocturnal cooling of the atmos-
phere near the earth's surface.

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Ida Carleton Thallon

A.B., Vassar College, 1897; A.M.,
1901.
Dissertation: Lycosura and Damo-
phon.

Harvey Waterman Thayer

A.B., Harvard University, 1896.
Dissertation: Lawrence Sterne in
Germany.
(December 13.)

Lorande Loss Woodruff

A.B., Columbia University, 1901;
A.M., 1902.
Dissertation: An experimental study
on the life-history of hypotrichous
infusoria.

Naohidé Yatsu

(Equivalent A.B.), Tokio Imperial
University, 1900.
Dissertation: Studies on the embry-
ology and cytology of *Cerebratulus*
lacteus.

Chin-Yung Yen

A.B., Tientsin University, 1901.
Dissertation: Rights of citizens and
persons under the Fourteenth Amend-
ment.

Music

Columbiana *Hinrichs*

(Dedicated to the Students and the Alumni of Columbia University)

XIV Conferring of Honorary Degrees

MASTER OF SCIENCE

FREDERICK ARTHUR GOETZE

Superintendent of Buildings and Grounds in Columbia University

Presented by Dr. JAMES HULME CANFIELD

GEORGE FRANCIS SEVER

Professor of Electrical Engineering in Columbia University

Presented by Professor FRANCIS BACON CROCKER

DOCTOR OF SCIENCE

WILLIAM TUFTS BRIGHAM

Director of the Bishop Museum of Ethnology, Honolulu

Presented by Professor HERMON CAREY BUMPUS

ROBERT SIMPSON WOODWARD

Professor of Mechanics and Mathematical Physics in Columbia University

President of the Carnegie Institution of Washington

Presented by Professor EDMUND BEECHER WILSON

DOCTOR OF LETTERS

WILLIAM DEAN HOWELLS

Presented by Professor HARRY THURSTON PECK

DOCTOR OF LAWS

EDWIN ANDERSON ALDERMAN

President of the University of Virginia
(Conferred *in camera*, June 5, 1905)

JACOB MCGAVOCK DICKINSON

Of Counsel for the United States before the Alaska Boundary Tribunal

Presented by Professor FRANCIS MARION BURDICK

DOCTOR OF SACRED THEOLOGY

REVEREND WILLIAM THOMAS MANNING

Assistant Rector of Trinity Church, New York

Presented by Professor JOHN HOWARD VAN AMRINGE

Hymn: "My Country, 'T is of Thee" *America*

[The audience is requested to rise and join in singing the hymn]

My country, 't is of thee,
Sweet land of liberty,
Of thee I sing;
Land where my fathers died,
Land of the pilgrims' pride,
From every mountain side
Let freedom ring.

Columbia revered,
By our forefathers reared
With love and pride;
Mother of Truth and Right,
Forever may thy light
Guide us, thy sons, aright,
Where'er we bide.

Our fathers' God, to Thee,
Author of liberty,
To Thee we sing;
Long may our land be bright
With freedom's holy light;
Protect us by Thy might,
Great God, our King.

XV Benediction

By the Acting Chaplain of the University

MUSIC

Festival March *Gounod*

Prizes, Fellowships, and Honors Awarded in 1905

[NOTE.—The successful competitors for prizes will receive their awards on application at the President's Office, 213 Library.]

Columbia College

PRIZE OF THE ALUMNI ASSOCIATION

To the most faithful and deserving student of the graduating class, given annually by the Alumni Association of the College, value \$50.

Three candidates selected by the Faculty of the College and submitted to the class:

WILLIAM BURNETT BARROWS
MICCO MILTIADES MICCO FONTRIER
ROBERT LE ROY

The recipient of the prize, to be chosen by the class, will be announced later.

CHANLER HISTORICAL PRIZE

Annual income of \$1000, bequeathed by J. Winthrop Chanler, A.B., 1847, for the best essay on the history of civil government in America, or some other historical subject. The subject for 1905 is "The Development of the Republican Party." Open to Seniors in the College.

GORDON S. P. KLEEBERG

Honorable Mention: EDWARD HENRY GREEN

GEORGE WILLIAM CURTIS MEDALS

Established through the generosity of an associate of George William Curtis in the work of Civil Service Reform, and awarded for excellence in the public delivery of English orations upon some appropriate subject.

Gold Medal: HAROLD LIVINGSTON REED THOMAS, of the Senior Class

Silver Medal: THOMAS M. CLARKE, of the Senior Class

SEMINARY PRIZES

Maintained by the General Theological Seminary. Open to Seniors in the College who are candidates for admission to the Seminary.

Greek, \$30: STANLEY BROWN-SERMAN

English, \$20: HAROLD LIVINGSTON REED THOMAS

DEPARTMENTAL HONORS

FIRST YEAR

Classics: ALEXANDER HOLTZOFF

Mathematics: CLEMENT S. BRAININ

SECOND YEAR

English: ISAAC MAURICE WORMSER

JOHN EGMONT SCHERMERHORN

MAX JOHN HERZBERG

German: ABRAHAM BRODERICK COHEN

WALTER MAX SCHWARZ

THIRD YEAR

English: ALBERT EDWARD MAVES

German: WALTER SICHEL

FINAL

English: CURTIS LUBLIN

Barnard College

KOHN MATHEMATICAL PRIZE

A prize of \$50, founded by Mrs. S. H. Kohn, awarded to a Senior who has pursued the study of mathematics continuously during her college course.

ANNA SARAH TATTERSHALL

HERRMAN BOTANICAL PRIZE

A prize of \$50, founded by Mrs. Esther Herrman, awarded to the most proficient under graduate student of botany.

HELEN LETITIA PALLISER

DEPARTMENTAL HONORS

FIRST YEAR

English: HELEN BABETTE LOEB

ANNA LAURIE MANLEY

SECOND YEAR

Classics: ELSIE SCHACHTEL

THIRD YEAR

Classics: ELIZABETH IVERSON TOMS

Mathematics: MABEL EMMA BROWNE

FINAL

<i>Classics:</i>	ELIZABETH BUCKINGHAM
<i>Economics:</i>	EMILIE JOSEPHINE HUTCHINSON
<i>English:</i>	EDWINA LEAH LEVY BLANCHE HORTENSE REITLINGER
<i>Mathematics:</i>	GEORGINA GRACE BENNETT ANNA SARAH TATTERSHALL
<i>Philosophy:</i>	LILY SYLVESTER MURRAY
<i>Zoölogy:</i>	HELEN LETITIA PALLISER

College of Physicians and Surgeons

FELLOWSHIPS OF THE ALUMNI ASSOCIATION

Fellowships, of \$500 each, maintained by the Alumni Association of the College of Physicians and Surgeons for scientific research in Anatomy, Physiology, or Pathology.

In Pathology: OLIVER SUMNER STRONG, Ph.D.

In Anatomy: EDWARD A. SPITZKA, M.D.

CARTWRIGHT PRIZE

Established by a bequest of \$10,000 by Benjamin Cartwright, open to universal competition.

CHARLES JUDSON HERRICK, Ph.D.

ALONZO CLARK SCHOLARSHIP

Established by a bequest of Professor Alonzo Clark, to promote the discovery of new facts in medical science. Annual value about \$600.

AUGUSTUS B. WADSWORTH, M.D.

Schools of Applied Science

ILLIG MEDALS

Established by a bequest of \$2000 from William C. Illig, E.M. '82, and awarded by the Faculty to members of the graduating class for commendable proficiency in their regular studies.

FREDERIC LEAROYD HUMPHREY

FREDERICK JAMES POWELL

FREDERICK ELLIS WARD

DARLING PRIZE IN MECHANICAL ENGINEERING

Established by a gift of \$1000 from the late Edward A. Darling, formerly Superintendent of Buildings and Grounds, and awarded to the most faithful and deserving student of the graduating class in Mechanical Engineering.

Three candidates selected by the Faculty of Applied Science:

MELACH JOSEPH NUSIM
WILLIAM EDWARD STRUSS
THOMAS HAMILTON BURCH, Jr.

The class chose as the recipient of the prize,
MELACH JOSEPH NUSIM

School of Architecture

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Endowed by a gift of \$20,000 from Charles Follen McKim, and open for competition to graduates in Architecture under thirty years of age.

LUCIEN EASTER SMITH, B.S., 1901

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An annual prize of \$150, endowed in memory of the late Robert N. Toppan.

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Established by Grant Squires, A.B., 1885, LL.B., 1887, and awarded every fifth year to a graduate of Columbia University for original investigation of a sociological character carried on during the five years preceding the award.

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A gold medal, provided for by a fund of \$1000, established by friends of the late Henry Cuyler Bunner, for the best essay by a candidate for a Columbia degree on an assigned subject in American literature.

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A gold medal of the value of \$200 established by the provisions of the will of President Barnard and endowed by him, known as the "Barnard Medal for Meritorious Service to Science," is awarded quinquennially to such person, if any, whether a citizen of the United States or any other country, as shall within the five years next preceding have made such discovery in physical or astronomical science, or such novel application of science to purposes beneficial to the human race, as in the judgment of the National Academy of Sciences of the United States shall be esteemed most worthy of such honor. The award of 1895 was to Lord Rayleigh, F.R.S., and Professor William Ramsay, F.R.S., and that of 1900 to Professor Wilhelm Conrad von Röntgen.

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